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SIXTY-EIGHTH ANNUAL CATALOGUE

OF THE

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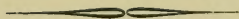
OF

PENNSYLVANIA COLLEGE

GETTYSBURG, PENN'A.

FOR THE ACADEMIC YEAR

1899-1900.



GETTYSBURG:
THE J. E. WIBLE PRINTING HOUSE, CARLISLE STREET, (SECOND SQUARE).
1900.

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CALENDAR, 1899-1900.

1899.

Sept. 7. Thursday Morning—beginning of First Term.
Dec. 19. End of First Term.

WINTER VACATION.

1900.

Jan. 3. Beginning of Second Term.
Jan 28. Day of Prayer for Colleges.
March 28. End of Second Term.
March 28. Beginning of Third Term.

April 12-16.

EASTER RECESS.

May 1. Junior Latin Examination for Hassler Prize.
June 4, 5, 6. Final Examination of Senior Class.
June 10. Sunday Morning—Baccalaureate Sermon by REV. DR.
E. D. WEIGLE.
June 10. Sunday Evening—Discourse before the Y. M. C. A.
June 11, 12. Entrance Examinations.
June 12. 8 A. M., Tuesday—Meeting of Board of Trustees.
June 12. 10.30 A. M., Tuesday—Junior Oratorical Contest.
June 13. Evening—Annual meeting of Alumni—President's Reception.
June 13. 9 A. M., Wednesday—Commencement Exercises.

SUMMER VACATION.

Sept. 6. Thursday Morning—Beginning of First Term.
Dec. 20. End of First Term.

TRUSTEES.

HON. JOHN A. SWOPE, Vice President,	Gettysburg.
CHARLES M. STOCK, D. D., Secretary,	Hanover.
PRES. H. W. MCKNIGHT, D. D., LL. D.,	Gettysburg.
WILLIAM M. BAUM, D. D.,	Philadelphia.
J. GEORGE BUTLER, D. D.,	Washington, D. C.
MILTON VALENTINE, D. D., LL. D.,	Gettysburg.
LUTHER E. ALBERT, D. D.,	Germantown.
GEORGE RYNEAL, JR.,	Washington, D. C.
HON. SAMUEL D. SCHMUCKER, LL. D.,	Baltimore, Md.
JOHN G. GOETTMAN, D. D.,	Allegheny.
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JOHN F. GWINNER,	Easton.
P. H. GLATFELTER,	Spring Forge.
HON. EDMUND D. GRAFF,	Worthington.
HON. S. McC. SWOPE,	Gettysburg.
W. H. DUNBAR, D. D.,	Baltimore, Md.
T. C. BILLHEIMER, D. D.,	Gettysburg.
JOHN WAGNER, D. D.,	Hazleton.
MATTHEW G. BOYER, D. D.,	W. Sandlake, N. Y.
*HENRY B. WILE, D. D.,	Carlisle.
JAMES STRONG,	Philadelphia.
JOHN B. McPHERSON, Esq.,	Gettysburg.
J. EMORY BAIR,	Gettysburg.
JOHN J. YOUNG, D. D.,	New York City.
HON. JEREMIAH N. KELLER,	Mifflintown.
REV. WILLIAM A. SHIPMAN,	Johnstown.
CHARLES A. KUNKEL,	Harrisburg.
HENRY C. PICKING,	Gettysburg.
D. F. LAFEAN,	York.
WM. J. MILLER,	Philadelphia.
CHARLES F. STIFEL,	Allegheny.
ALBERT F. FOX,	Washington, D. C.
REV. H. H. WEBER,	York.

*Deceased

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FACULTY AND INSTRUCTORS.

HARVEY W. McKNIGHT, D. D., LL. D.,
PRESIDENT, AND WILLIAM BITTINGER PROFESSOR OF INTELLECTUAL
AND MORAL SCIENCE.

3 Campus

JOHN A. HIMES, A. M., LITT. D.,
GRAEFF PROFESSOR OF ENGLISH LITERATURE AND POLITICAL
SCIENCE, AND LIBRARIAN.

120 Carlisle Street

REV. PHILIP M. BIKLE, PH. D.,
DEAN, AND PEARSON PROFESSOR OF THE LATIN LANGUAGE AND
LITERATURE.

2 Campus

EDWARD S. BREIDENBAUGH, Sc. D.,
OCKERSHAUSEN PROFESSOR OF CHEMISTRY AND MINERALOGY, AND
CURATOR OF THE MUSEUM.

201 Carlisle Street

GEORGE D. STAHLEY, A. M., M. D.,
DR. CHARLES H. GRAFF PROFESSOR OF PHYSICAL CULTURE AND
HYGIENE, AND SECRETARY OF THE FACULTY.

3 Baltimore Street

HENRY B. NIXON, PH. D.,
PROFESSOR OF MATHEMATICS AND ASTRONOMY.

1 Campus

ELI HUBER, D. D.,
AMANDA RUPERT STRONG PROFESSOR OF ENGLISH BIBLE, AND
CHAPLAIN.

401 Carlisle Street

REV. OSCAR G. KLINGER, A. M.,
FRANKLIN PROFESSOR OF THE GREEK LANGUAGE AND LITERATURE.

38 York Street

CHARLES F. BREDE, A. M.,
ACTING PROFESSOR OF THE GERMAN LANGUAGE AND LITERATURE,
AND INSTRUCTOR IN FRENCH.

5 Lincoln Street

CLYDE B. STOVER, A. M.,

ASSISTANT IN CHEMISTRY.

Room 38, Hotel Gettysburg

DONALD P. McPHERSON, A. M., LL. B.,

LECTURER ON JURISPRUDENCE.

206 Carlisle Street

REV. CHARLES H. HUBER, A. M.,

PRINCIPAL OF THE PREPARATORY DEPARTMENT, AND PROFESSOR
OF LATIN AND ENGLISH.

401 Carlisle Street

A. B. BUNN VAN ORMER, A. B., Pd. D.,

ASSISTANT PRINCIPAL, TUTOR IN GREEK AND HISTORY AND
INSTRUCTOR IN PEDAGOGY.

16 Stevens Hall

JOS. N. K. HICKMAN, A. B.,

TUTOR IN MATHEMATICS AND NATURAL SCIENCE.

42 Stevens Hall

JESSE S. KOLLER,

PHYSICAL INSTRUCTOR.

21 Middle College

FRANK M. TRAUB,

PROCTOR.

9 Middle College

IRA M. LONG,

PROCTOR.

35 South College

HARRY C. PICKING, A. B.,

TREASURER.

4 York Street

SALLIE P. KRAUTH

ASSISTANT LIBRARIAN.

3 Baltimore Street

COURSES OF STUDY.

The College offers the following courses :

- I. A Classical course leading to the degree of A. B.
- II. A Scientific course leading to the degree of B. S.
- III. Special courses without reference to a degree.
- IV. Graduate courses leading to the degree of Ph. D.

TERMS OF ADMISSION.

Entrance examinations are held on Monday and Tuesday before Commencement and on Thursday, the day of opening, in September. While there may be examinations at other times, all applicants are urged to present themselves on the days appointed. Students from the Preparatory Department are admitted to the Freshman class upon the recommendation of the Principal without further examination. Applicants recommended by Principals of approved Academies and High Schools as having mastered the required preparatory studies are admitted on an extended trial, without a formal examination. *Women are admitted to all departments as day scholars.*

CLASSICAL COURSE.

Candidates for the Freshman class are subject to examination in the following books or their equivalents :

LATIN.—Latin Grammar ; three books of Cæsar's Gallic War ; three books of Virgil's *Æneid* ; three orations of Cicero.

GREEK.—Greek Grammar complete ; three books of the *Anabasis* ; Jones' Prose Composition complete.

MATHEMATICS.—Arithmetic complete, including the Metric System; Elementary Algebra (Wells' Academic, through Quadratics, Robinson's complete, or Wentworth's to Chap. XVIII.); Geometry, three books of Wentworth's, or Phillips and Fisher's, or the equivalent in other authors.

ENGLISH.—In English the following books recommended by the Association of Colleges and Preparatory Schools of the Middle States and Maryland will be required:

For 1900: Dryden's *Palamon and Arcite*; Addison's *Sir Roger de Coverley Papers*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; De Quincey's *Flight of a Tartar Tribe*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*.

For 1901: Addison's *Sir Roger de Coverley Papers*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

For 1902: Addison's *Sir Roger de Coverley Papers*; Scott's *Ivanhoe*; Coleridge's *Ancient Mariner*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*; Milton's *L'Allegro Il Penseroso and Comus*.

The candidate will be required to present evidence of a general knowledge of the subject matter and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics designed to test the candidate's power of clear and accurate expression and will call for only a general knowledge of the substance of the books. Questions involving the essentials of English Grammar and the fundamental principles of Rhetoric will be a part of the examination.

No candidate will be accepted in English whose work is notably deficient in spelling, punctuation, idiom, or division into paragraphs.

GEOGRAPHY AND HISTORY.—Modern Political Geography ; History of the United States (the equivalent of Sheldon's); General history.

SCIENTIFIC COURSE.

Candidates for the Freshman class of the Scientific Course are subject to the same examination as for the Classical Course with the omission of the Greek. For this omission may be substituted one of the following :

I. PHYSIOGRAPHY (Elementary Physical Geography), BOTANY (Elements of systematic and structural departments), or ELEMENTARY PHYSICS.

II. HISTORY.—Histories of England and France (Montgomery is recommended.)

SPECIAL COURSES.

Students not candidates for a degree are admitted to the privileges of the College and allowed to take special undergraduate studies, selected with the approval of the Faculty in such a manner as to secure the full and profitable employment of their time. Such special students undergo the examination necessary to ascertain their fitness for the proposed courses.

A candidate for advanced standing, in addition to the foregoing studies, is examined in the various books which the class he proposes to enter has studied.

An accurate and thorough acquaintance with the studies required for admission is indispensable, in order to receive the full advantage of the college course. Students imperfectly prepared for the class they enter are embarrassed in







their future progress and are seldom able to make up their deficiency.

No one is admitted to the Senior class after the beginning of the second term.

TESTIMONIALS.—Satisfactory testimonials of good moral character are required, and students from other institutions must bring certificates of regular and honorable dismissal.

SUPERVISION AND DEVOTIONAL EXERCISES.

The President and the Dean, residing on the Campus, have special supervision of the buildings and are at all times easily accessible to the students. The College aims to secure the coöperation of each individual student in the preservation of good order and the attainment of a high standard of scholarship and manly conduct.

Prayers, with reading of the Scriptures and singing, conducted by the President or Chaplain, are attended daily, at 7.40 A. M., on week days, in Brua Chapel. The devotional exercises of Sunday, beginning at 8 A. M., are extended to an hour's study of the International Sunday School lesson. At 10.30 A. M., all the students are required to attend public worship in the College Church, or in such other place of worship as their parents or guardians may designate by written request. Catechetical instruction is provided for those who desire it, and students are welcomed to other religious services in the churches of the town.

The Young Men's Christian Association of the College is an active agent in promoting religious interest among the students. Regular and special meetings for prayer are conducted by the members and classes for Bible study are formed. An annual course of lectures and musical entertainments under the same auspices adds much to the social enjoyment and culture of the College community.

INSTRUCTION.

In the under-graduate courses each candidate for a degree must have sixteen exercises a week of required or elective work in recitations, lectures, or laboratory periods, besides the Biblical hour on Sunday and the gymnasium periods. Usually there are three exercises each day except Saturday, when there is only one. Laboratory, drawing and surveying periods are each two and a half hours. A gymnasium period is one hour. A student in any of the special courses must have not less than eleven exercises a week.

RULES FOR THE CHOICE OF ELECTIVES.

1. No student shall be allowed to pursue any elective study unless the instructor in the same is satisfied that the student is prepared to pursue said study.

2. The choice of electives shall be made at the beginning of the year, and no change shall be allowed during the year.

The following schedule presents a general view of the studies and hours of the various classes.

CLASSICAL COURSE.

CLASS	HRS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9	Greek.	Latin.	Greek.	Latin.	Greek.	Latin.
	10 or 11	Elocution.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	
	2 or 3	French.	History.	French.	History.	Bible.	
	8 or 9	Latin.	Greek.	Latin.	Greek.	Latin.	Mech. Draw
SOPHOMORE	10 or 11	German.	English.	German.	English.	English.	
	2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
	8 or 9	English.	German.	Psychology.	Psychology.	English.	German.
	10 or 11	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry} \\ \text{Biology.} \end{array} \right.$	$\left\{ \begin{array}{l} 1 \\ 2 \end{array} \right\}$ Latin. $\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \end{array} \right\}$ Latin. Bible.	$\left\{ \begin{array}{l} 1 \\ 2 \end{array} \right\}$ Greek. $\left\{ \begin{array}{l} 2 \\ 3 \end{array} \right\}$ Greek. Bible.	$\left\{ \begin{array}{l} 1 \\ 2 \end{array} \right\}$ Latin. $\left\{ \begin{array}{l} 2 \\ 3 \end{array} \right\}$ Latin. Bible.	$\left\{ \begin{array}{l} 1 \\ 2 \end{array} \right\}$ Greek. $\left\{ \begin{array}{l} 2 \\ 3 \end{array} \right\}$ Greek. Bible.	$\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \end{array} \right\}$ Biology.
JUNIOR.	1 to 3	(Chemistry.	$\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \end{array} \right\}$ $\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	(Chemistry.	$\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \end{array} \right\}$ $\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry} \\ \text{Biology.} \end{array} \right.$	(Chemistry.	
	8 or 9	$\left\{ \begin{array}{l} 1 \\ 2 \end{array} \right\}$ Astronomy. Theism.	Pol. Science.	$\left\{ \begin{array}{l} 1 \\ 2 \end{array} \right\}$ Astronomy. Theism.	Pol. Science.	$\left\{ \begin{array}{l} 1 \\ 2 \end{array} \right\}$ Astronomy. Theism.	Pol. Science. Chemistry (9). Bible (9).
SENIOR.	10 or 11	$\left\{ \begin{array}{l} 1 \\ 2 \end{array} \right\}$ Physics. $\left\{ \begin{array}{l} 2 \\ 3 \end{array} \right\}$ Geology.	$\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \end{array} \right\}$ $\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$	$\frac{1}{2}$ Evid. Christ. $\frac{1}{2}$ Ethics.	$\frac{1}{2}$ Evid. Christ. $\frac{1}{2}$ Ethics.	$\left\{ \begin{array}{l} 1 \\ 2 \end{array} \right\}$ Physics $\left\{ \begin{array}{l} 2 \\ 3 \end{array} \right\}$ Geology.	Biology.
	2 3 1 to 3	$\left\{ \begin{array}{l} \text{Pol. Science.} \\ \text{Savit. Science} \\ \text{Chemistry.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Hebrew.} \\ \text{Greek} \\ \text{Biology} \\ \text{Mineralogy.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{German} \\ \text{Latin.} \\ \text{Chemistry} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Hebrew} \\ \text{Greek} \\ \text{Biology} \\ \text{Mineralogy} \end{array} \right.$	$\left\{ \begin{array}{l} \text{German.} \\ \text{Latin.} \\ \text{Chemistry.} \end{array} \right.$	

Astronomy, one hour a week () Observatory (night) work.
 Math Problems, two periods a week at convenience.

Italics indicate Placative Studies.
 Numerals 1, 2 and 3, before a subject, indicate the time during which the subject is studied.

SCIENTIFIC COURSE.

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9 10 or 11	Chemistry. Elocution.	Latin. Mathematics.	Chemistry. Mathematics.	Latin. Mathematics.	Chemistry. Mathematics.	Latin.
	2 or 3	French.	History.	French.	History.	Bible.	
	8 or 9 10 or 11	Latin. German.	Chemistry. English.	Latin. German.	Chemistry. English.	Latin. English.	Mech Draw
SOPHOMORE	2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
	8 or 9	English.	Surveying	Psychology.	Psychology.	English.	German.
	10 or 11	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ Physics.	German.	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	Surveying, (9)	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	
JUNIOR	1 10 3	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ Physics	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ Physics.	Chemistry.	
	8 or 9	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$	Pol Science Chemistry (9). Bible (9).
	10 or 11	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Evid. Christ.} \\ \text{Ethics.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Evid. Christ.} \\ \text{Ethics.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$	Biology.
SENIOR	2 3	Pol. Science. Semit. Science	Hebrew. Biology	German.	Hebrew Biology	German.	
	1 to 3	Chemistry.	Mineralogy.	Chemistry	Mineralogy.	Chemistry.	
	Astronomy, one hour a week (observatory (night) work. Math. Problems, two periods a week at convenience.						

Italics indicate Elective Studies.

Numerals 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

DEPARTMENTS OF INSTRUCTION.

.....
PHILOSOPHY.

President MCKNIGHT, Professors HIMES, HUBER and KLINGER.

1. *Psychology.* Mental phenomena are inductively treated, observed, classified and explained by being referred to their appropriate faculties and the conditions and laws of their production. Presentative and Representative knowledge, Thought and Intuition are successively considered, and the processes by which the mind advances from a knowledge of individual objects to that of universals are traced. The fundamental relations and correlates involved in these processes are critically examined into, connection with a discussion of the various theories of knowledge and tendencies of modern thought. Preparation is thus given for advanced courses in Psychology and Philosophy. A text-book is used with such comment and criticism as encourage accurate and independent thinking.

Junior required course. Two hours a week throughout the year.

President MCKNIGHT.

2. *Logic.* Creighton's Introductory Logic. The analysis of arguments their reduction to syllogistic form and the detection of common fallacies are the practical results aimed at in the study.

Junior required course. Two hours a week during the second term.

Professor HIMES.

3. *Ethics.* The study includes a critical examination of ethical theories relating to the Nature of Right, the Ground of Right, the Rule of Right, the Province of Right and Conscience. The student is conducted through an examination of Utilitarianism and other rejected theories to an immutable basis for right in the nature of God. The history of the different ethical theories is traced through succeeding schools from Socrates to the modern evolutionist.

Senior required course. Two hours a week during the latter half of the year.

President MCKNIGHT.

4. *Rational Theism.* Students are required to present from memory the chief points of the text-book, and these are further illustrated and impressed in conversation by additional points and illustrations.

By cumulative reviews they are enabled to offer orally a pretty complete system of Natural Theology.

Senior required course. Three hours a week, third term.

Professor KLINGER.

5. *Christian Evidence*. Fisher's Theistic and Christian Belief. While opposing theories are duly considered, the argument for Christianity from Miracles is accepted and defended. This argument is supported by others derived from various sources such as the fulfillment of Prophecy, the adaptedness of Christianity to the needs of human nature, the superiority of Christian Doctrine, and the benevolent fruits of the religion of Christ.

Senior required course. Two hours a week, the first half of the year.

Professor HUBER.

MATHEMATICS AND ASTRONOMY.

Professor NIXON.

1. *Geometry*. Plane (books fourth and fifth), solid and spherical. (Wentworth.)

Freshman required course. Four hours a week the first term and one-third of the second term.

2. *Algebra*. Series; undetermined coefficients; binomial theorem; logarithms; determinants; theory of equations. (Wells.)

Freshman required course. Four hours a week during two-thirds of the second, and one-half of the third term.

3. *Trigonometry*. Trigonometric functions; right triangle; isosceles triangle; regular polygon; goniometry. (Wentworth.)

Freshman required course. Four hours a week, the last half of the third term.

4. *Trigonometry*. Oblique triangle; right spherical triangle; oblique spherical triangle; application of spherical trigonometry to the solution of astronomical and other problems. (Wentworth.)

Sophomore required course. Three hours a week, the first term.

5. *Plane Analytic Geometry*. Rectilinear, oblique and polar systems; relation between the rectilinear and polar systems; equations of the straight line; properties of rectilinear figures; circle; ellipse; hyperbola; parabola; tangents and normals; loci of the first and second order; higher plane loci; transcendental curves. (Hardy.)

Sophomore required course. Three hours a week during the second term and two-thirds of the third term.

6. *Surveying*. Practical use of instruments—compass, transit and level; plotting; computing areas; making profiles. (Wentworth.)

Sophomore required course. Three hours a week, the last third of the third term.

7. *Mechanical Drawing*. Geometrical constructions; transcendental curves; section of the cone showing the ellipse, hyperbola and parabola; cylinders penetrating each other and the development of the same; isometric projections of solids; perspective.

Sophomore (Scientific) required course. One period a week during the year.

8. *Field Work in Surveying*. Use of the transit and level; rectangular surveying and use of traverse tables; triangulations; laying out curves; avoiding obstruction; levelling and setting grade stakes. (Carhart.)

Junior (Scientific) required course. Two hours a week during the first term and one-half of the third term.

9. *Mechanics* (Statics). Composition and resolution of forces; parallel forces; equilibrium of a rigid body acted on by three forces in a plane; centre of gravity; machines; work. (Loney.)

Junior (Scientific) required course. Two hours a week during the second term and half of the third term.

10. *Differential Calculus*. Differentiating expansion of series; maxima and minima; indeterminate forms; tangents and normals; asymptotes and singular points; theory of envelopes; radius of curvature; evolutes and involutes. (Newcomb.)

Junior elective course. Three hours a week, the first term.

11. *Integral Calculus*. Integration; definite integrals; successive integration; rectification of curves; quadrature of plain figures; cubature of volumes. (Newcomb.)

Junior elective course. Three hours a week, second term.

12. *Calculus*. Special Topics.

Junior elective course. Two hours a week, third term.

13. *Astronomy*. The subject as treated by Young; different authors reviewed by members of the class. The students of this course have access to the Observatory which is equipped with a chronometer, sextant, transit and equatorial.

Senior required course. Three hours a week during the first and second terms.

14. *Practical Astronomy*. The instruments used, besides the time-pieces, are the sextant, transit and equatorial. Determination of time, latitude and longitude; measurements of the diameters of planets and the distance of their satellites; measurements of the heights of mountains on the moon; measurements of double stars; calculation of eclipses; calculation of sunrise and sunset.

Senior elective course. One hour a week during the year.

15. *Mathematics*. Analytic Geometry of three dimensions; differential equations; Mechanics.

Senior elective course. Two hours a week during the year.

GREEK.

PROFESSOR KLINGER.

1. THE ORATORS. *Antiphon, Lysias, and Isæus*. Representative selections are read and compared with distinct reference to the development of prose style. The abundant allusions in them to early Athenian life are made the basis for studies in Greek antiquities of the historic period. Blackboard drill in forms, the explanation of case, mood, and tense uses and the study of words are features of the recitation. Lectures on the conditions under which prose-writing originated and developed are given at stated periods. Prose composition, based on the text, twice each week.

Freshmen (Classical) required course. Three hours a week, first and second terms.

2. THE HISTORIANS. *Thucydides*. Selections from the Peloponnesian War. The study of the text continues the syntactical analysis, the drill in forms, and the study of words in accordance with the principles of word-formation. Special attention is given to the subject-matter, and the stirring times preceding the overthrow of the Athenian supremacy are depicted. Prose composition as before.

Freshmen (Classical) required course. Three hours a week, third term.

Herodotus. Portions of the Persian Wars are read rapidly with particular attention to the subject-matter. The importance of the period calls for a review of its history, and readings are assigned in Grote and other historians to be reported on by the students. The course comprehends lectures on the Greek dialects and advanced studies in the history of case, mode, and tense development. Prose composition as before.

Sophomore (Classical) required course. Three hours a week, first term.

3. EPIC POETRY. *Homer*. The Iliad. (Full text required). The study of the text is preceded by a course of dictated lectures which aim at setting forth the Homeric question in its latest phase. The Iliad is then interpreted as a piece of literature in harmony with the conclusions of the latest Homeric scholars. Special study is made of the epithets, and by frequent word-reviews from the blackboard an attempt is made to fix the vocabulary. Each student is required with the aid of Gehring's Index to develop one or more subjects in Homeric antiquities.

Sophomore (Classical) required course. Three hours a week, second and third terms.

4. THE ATTIC DRAMA. *Æschylus* and *Sophocles*. The entire Junior year is devoted to the study of the Attic Drama. The course contemplates by means of lectures and assigned readings a complete survey of ancient Tragedy and Comedy in their origin and development, and their relation to the modern stage. Lectures on the Greek Theatre precede the study of the text.

Junior (Classical) required course. Two hours a week, two terms.

Euripides or *Aristophanes*. The students are permitted to choose between these authors.

Junior elective course. Two hours a week, third term.

5. *Demosthenes, De Corona*. The study includes the age. The decadence of the Hellenic spirit, as shown in civic life, literature, and art, is traced with the class. The course is intended to include, as far as possible, a survey of Greek civilization.

Senior elective course. Two hours during one term.

6. *Plato and Pre-Socratic Thought*. The Protagoras and the Phædo are the texts studied. The leading doctrines of Plato are analyzed and their relation to modern thought is pointed out. A parallel course of lectures in Pre-Socratic Thought, based on the fragments found in Ritter & Preller's *Historia*, is given.

Senior elective course. Two hours during two terms.

7. *The Lyric Poets*. Tyler's "Selections." The course comprehends, along with the interpretation of the poems, the origin and development of lyric poetry and its relation to Greek literature in general.

Senior elective course. Two hours a week, third term.

LATIN.

Professor BIKLE.

Allen and Greenough's Latin Grammar and Harper's Latin Dictionary are recommended. The Roman method of pronunciation is used. Exercises in Prose Composition are required at intervals through the course.

1. *Livy*. Book I., or the Hannibalian War in Books XXI. and XXII. Special attention is given to syntax and *Livy's* peculiarities of style.

Freshman required course. Three hours a week during the first term.

2. *Horace*. Odes, with special attention to Latin Prosody and the mythological and historical allusions of the text.

Freshman required course. Three hours a week, second term.

3. *Cicero*. De Senectute, or De Amicitia. Rigid drill in syntax, especially of the Latin subjunctive mode.

Freshman required course. Three hours a week, third term.

4. *Tacitus*. Annals. A faithful study of the history of the times along with the reading of the text.

Sophomore required course. Three hours a week, first term.

5. *Horace*. Satires and Ars Poetica. After reading some selected satires, the Ars Poetica is read and a full analysis required.

Sophomore required course. Three hours a week, second term.

6. *Cicero* and *Pliny*. Letters, with numerous exercises in sight reading.

Sophomore required course. Three hours a week, third term.

7. *Quintilian*. Tenth Book. With summary and classification of the Greek and Roman authors.

Junior (Classical) required course. Two hours a week first term.

8. *Juvenal*. Satires. With full explanations, and careful study of Wilkins' Roman Antiquities. There will also be a series of lectures on Roman Literature.

Junior (Classical) course, required the second term, elective the third. Two hours a week, both terms.

9. *Terence* or *Plautus*. The Andria of Terence or Captivi of Plautus. The *Dramatis Personae* are assigned to special members of the class and the parts rendered both in Latin and in English.

Senior elective course. Two hours a week, third term.

10. *Roman History*. A course of lectures.

Senior elective course. Two hours a week for eight weeks, second term.

ENGLISH.

Professors HIMES, BIKLE and BREDE.

1. *Rhetoric*. A. S. Hill's Principles of Rhetoric. Frequent exercises, oral and written, in the correction of faulty rhetoric apply the rules of the text-book. The inventive faculty is trained by the assignment of themes to be thought upon in the class room. The results are then compared, discussed and arranged within the recitation hour. Ten or twelve of Bacon's Essays are analyzed to show the structure of brief expository writings.

Sophomore required course. Three hours a week, first term.

2. *English and American Literature*. These subjects are given in outline with text books mainly for reference.

Sophomore required course. Three hours a week, third term.

Shakespeare. Five or six plays are studied, the principal char-

acters are analyzed and the most important and suggestive passages are read and interpreted before the class. Papers are required on some of the topics.

4. *Milton*. Four or five books of the *Paradise Lost* are studied; the views of many commentators are examined and compared. Milton's conception of the material and spiritual universe is set forth and elucidated.

Junior required course. Two hours a week, third term.

5. *Anglo-Saxon*. The translation of easy prose is begun at the second or third recitation in this subject and sight reading is undertaken after four or five weeks. About five hundred lines of the poetry of Beowulf or Cædmon and other writings are read in the latter half of the term. Comparative Philology receives considerable attention in connection with this subject.

Junior elective course. Three hours a week, first term.

6. *Middle English*. Chaucer, or Old English Ballads. This study is intended to acquaint the student with the old forms of English. Connected with the recitations are brief talks on the structure, classification and development of languages and especially on word building.

Junior elective course. Three hours a week for six weeks, second term.

7. *Tennyson*. In Memoriam is read, the plan and the development of the thought are traced, and obscure expressions interpreted.

Junior elective course. Three hours a week for six weeks, second term.

Professor HIMES.

8. *Essays*. Two essays each term are submitted for examination and criticism. Special care is taken to secure originality of work, as well as clearness of thought and grace of diction. In order to cultivate a ready faculty in composition, exercises in impromptu essay writing are practiced at stated times.

Required course for the three terms of Freshman year.

Professor BREDE.

9. *Elocution*. Two declamations are required each term and are expected to exemplify the principles acquired in the hours devoted to technical study of elocution. These principles are inculcated by comment and criticism in connection with the speaking.

Required course. One hour a week during the whole of the Freshman year.

Professor BIKLE.

10. *Writing and Speaking.* The preparation of declamations, essays, orations and debates is continued from the beginning of the Sophomore onward to the end of the Senior year. Sometimes a subject is assigned to each member of a class with the requirement to present a discussion first in outline, then amplified. To secure greater carefulness on the part of the student, the written work is commonly read privately and criticised by the instructor.

Professor HIMES.

GERMAN AND FRENCH

Professor BREDE.

FRENCH. Grandgent's Short French Grammar with Lessons and Exercises. Super's Preparatory French Reader, about one hundred pages. Enault, *Le Chiën du Capitaine*. Thiers, *Expedition de Bonaparte en Egypte*, or *Lamartine*, *Jeanne d' Arc*, or *Fortier's Napoleon*. Extracts from *Martin*, *Duruy*, *Thiers*, *Chateaubriand*.

Freshman required course. Two hours a week throughout the year.

Note: Students of French should provide themselves with a good dictionary for work in second half year.

GERMAN. 1. *Elementary German.* Edgren and Fossler's German Grammar, entire; Hempl's Easiest German Reading; Joynes' German Reader, one hundred pages; Baumbach, *Der Schwiegersohn*; Schiller, *Das Lied von der Glocke*; Bernhardt's German Composition, second half year. Conversational exercises in German.

Sophomore required course. Two hours a week throughout the year.

2. *Intermediate Course.* Schiller, *Wilhelm Tell*; Lessing, *Minna von Barnhelm*; Goethe, *Hermann und Dorothea*; Bernhardt's German Composition finished, Heyse, *L'Arrabbiatta*. In connection with the last, sentence analysis, oral exercises and written composition.

Lectures on German Literature, Classical Period. Conversational Exercises in German.

Junior required course. Two hours a week throughout the year.

3. *Advanced Course.* Schiller, *Wallenstein*, or Goethe, *Egmont*. Freytag, *Aus dem Staate Freidrichs des Grossen*, with exercises in composition, paraphrasing, and word study. Goethe, *Faust Part I*. Writing from dictation and reciting best known short German poems. Language of the class room will be largely German. Lectures on the development of the Drama in Germany, and on the history of the language.

Senior elective course. Two hours a week throughout the year.

Note: Students in courses 2 and 3 are expected to write essays or give talks on the various topics of literary interest arising in the study of the classical texts.

It is recommended that all students of German provide themselves with a complete German Grammar for reference, such as Thomas' Practical Grammar, Joynes-Meissner, or Whitney's Compendious German Grammar, and also with a good dictionary, such as Heath's or Whitney's.

HISTORY, POLITICAL SCIENCE AND LAW.

Professors HIMES, BIKLE and KLINGER, and Mr. MCPHERSON.

1. *European History*. Myers' Mediaeval and Modern History. Freshman required course. Two hours a week during the year.

Professor KLINGER.

2. *American Political History*. Johnston's American Politics, with references to Von Holst's Constitutional History, Schöuler's History of the United States (1783-1865), Blaine's Twenty Years in Congress (1861-1881), McPherson's Handbook.

Sophomore required course. Three hours a week, second term.

3. *Political Economy*. F. A. Walker's Advanced Course. The theories of the text-book are brought, as often as possible, to the test of the student's personal observation and the true nature of the science is thus impressed. Problems for investigation are assigned to the members of the class, with direction to inquire into actual industrial and social conditions and operations.

Senior required course. Three hours a week for twelve weeks of the first term.

4. *Money and Banking*. Report of the Monetary Commission of 1898. Theories of money and credit are examined with illustrations from the financial history of the world and especially of the United States. Particular attention is given to present conditions and tendencies.

Senior required course. Three hours a week for six weeks.

5. *International Law*. Lawrence's International Law. Occasional lectures on special topics.

Senior required course. Three hours a week for the last twenty weeks of the year.

6. *Science of Government*. Bryce's American Commonwealth is used as a text-book. Free discussion of the author's views is encouraged; national and state constitutions are examined.

Senior elective course. One hour a week throughout the year.

2-6 Professor HIMES.

7. *Roman Law*. Morey's Outlines. After a careful study of the text-book, an essay is required from each member of the class on a subject assigned for special investigation.

Senior elective course. Two hours a week during the first term.

Professor BIKLE.

8. *Elements of Jurisprudence*. Lectures on the rights and duties of citizenship.

Senior course. At convenience during the second and third terms.

Mr. MCPHERSON.

CHEMISTRY.

Professor BREIDENBAUGH and Mr. STOVER.

1. *Elementary Inorganic Chemistry*. Lectures, laboratory work, quizzes and examinations. The student is expected, in addition to the outline of work provided, to have some approved reference book on Chemistry. This course covers the general principles of Chemistry with a study of the elements and their compounds. As far as time permits, attention is given to elementary Qualitative Analysis.

Junior (Classical) required course. Three periods a week throughout the year.

2. *Elementary Inorganic Chemistry*. Lectures, laboratory work and quizzes based on Remsen's Introductory Chemistry.

Freshman (Scientific) required course. Three periods a week throughout the year.

3. *Qualitative Analysis*. Lectures and quizzes on reactions and methods accompany the laboratory work.

Required course (Scientific). Two periods a week throughout the Sophomore and five periods the first term of Junior.

4. *Quantitative Analysis*. The first term is occupied with determinations of definite compounds, the second with mineral analysis.

Junior (Scientific) required course. Five periods a week during the second and third terms.

5. *Organic Chemistry*. Lectures, text-book work and quizzes, illustrated in the laboratory.

Junior (Scientific) elective course. Three periods a week during the first and second terms. Also open as an elective to Seniors in the Classical course.

6. *Qualitative Analysis*. Similar to course 3.

Senior (Classical) elective course. Two to four periods a week throughout the year.

7. *Special Analytical Methods*. Water, milk, sugar, etc.

Senior (Scientific) elective course. Two to four periods a week throughout the year.

GEOLOGY AND MINERALOGY.

Professor BREIDENBAUGH.

1. *Geology*. Lectures, with reading references, principally to the works of Dana and LeConte, accompanied by quizzes and topical examinations. Each student is required to write at least one paper illustrating, from his own observations, the principles of inorganic Geology.

Senior required course. Three hours a week during the second and third terms.

2. *Mineralogy*. The crystal form and physical properties of minerals are studied by means of the mineralogical collection. Afterwards each student is required to determine at least seventy-five minerals by their blowpipe characteristics. This is followed by a brief course in Lithology and topographical Geology.

Senior elective course. Two periods a week throughout the year.

Physics. The principal facts in the various topics are discussed by lectures and reading references, with quizzes, examinations and the preparation of papers in which the student illustrates from familiar examples the subjects presented in the class room.

Required course. Three hours a week during the third term of Junior and the first term of Senior.

Botany. Class and field work in Systematic Botany. Each student is required to determine and mount specimens of at least fifty species of Phaenogams.

Sophomore required course. One period a week during the second half of the year.

BIOLOGY.

Professor STAHLEY.

This course extends as an elective through the Junior and Senior year. It is offered to either the classical, scientific or special course students. It aims to teach fundamental principles in the various branches which it includes. In thus restricting its scope to broad essentials, it is believed that the principles of general culture, which should always characterize collegiate training, are properly conserved.

The course is calculated to interest and profit any student of nature, and is of especial practical advantage to those students having either of the professions of medicine or teaching in view. The branches assigned to the Junior year (in which Embryology may be

substituted for Plant Histology) afford an admirable groundwork for prospective medical students.

The branches of the Junior year are sufficiently distinct from those of the Senior year to admit of their being intelligently and profitably pursued by themselves, yet for purposes of general culture, and to get the most advantage from the course, the studies of both years should be consecutively followed.

The work is carried on by lectures, demonstrations, quizzes, dissections, drawings, note taking on work done and the writing of papers. There is a well-lighted laboratory, provided with all needed instruments and apparatus, such as microscopes, microtome, paraffine bath, incubator etc. The branches are pursued in the following order :

JUNIOR YEAR.

1. *Mammalian Anatomy*, three periods a week for fifteen weeks.

The domestic Cat, as a convenient example of a high-type Mammal, is carefully considered. Its bones, muscles, blood vessels, brain and nerves are dissected and studied. The principles of anatomical technique are learned. Considerable attention is also given to a comparative study of the human body. The separate parts of the skeleton, including a disarticulated cranium, Tramond's preparations consisting of real bony joints with accurately placed artificial ligaments, and Azou's dissectable manikin for muscles, brain and blood vessels, provide ample facilities for such comparative work.

2. *Mammalian Histology*, three periods a week for twelve weeks.

With the aid of over four hundred prepared microscopic slides, the student draws and studies the minute anatomy of the different tissues of the body. Further than this he learns practically how to kill, fix, harden, imbed, section, stain and mount the important tissues. Familiarity in the use of the microscope, and a knowledge of practical methods in histological work, are thus acquired. Whilst examining the minute and gross anatomy, encountered in this and the preceding branch, the physiology of the organs and tissues is explained.

3. *Plant Histology*, two periods a week for eleven weeks.

This course aims to give a clear general knowledge of plant morphology and physiology. After a brief practical examination of the plant organs, all the various tissues and fundamental systems of tissues are studied. In this work, sections are made from fresh material and the tissues are studied and isolated by the proper reagents. A course of lectures on plant physiology is also given.

SENIOR YEAR.

4. *General Biology*, three periods a week for fifteen weeks.

The purpose of this course is to ascertain basal facts of structure and life processes, with their significant relationships, in the two great kingdoms of organic nature. The selected types of plants and animals studied are taken from the lower forms of life, as these are best adapted to demonstrate essential characteristics, and to open the way for tracing more complicated structure and function. Some of the simpler forms of Bacteria are examined and their life history considered. The microscope is used in the greater part of this work.

5. *Zoology*, three periods a week for fifteen weeks.

The knowledge which the student has acquired in the preceding mammalian course, serves here as a guide and stimulus to him, as he traces the animal forms in the order of their increasing complexity. A number of morphological types are dissected, thus affording an acquaintance with all the great phyla of animals, in both the Vertebrate and Invertebrate series. The principles of comparative morphology are particularly emphasized and relationships are traced. The fundamental methods in animal development are portrayed by lectures and drawings.

6. *Embryology*, three periods a week for eight weeks.

The principles of maturation and fertilization of the germ elements are considered. The stages of segmentation are observed in the ova of the Frog and Fish. The development of the Chick is studied according to the treatise by "Foster and Balfour." Entire mounts are made, as well as mounts of serial sections of the incubating egg, from the first hour of incubation to the fifth day, when the organs are practically all formed. This branch constitutes a fitting close to the course, as it exhibits the steps in the development of the individual animal, and also epitomizes the history of the animal kingdom in general.

PHYSICAL CULTURE AND HYGIENE.

Professor STAHLEY.

1. *Sanitary Science*. Lectures. House, municipal, state and national sanitation in their varied and rapidly developing new features are dwelt upon with the idea of furnishing a comprehensive yet intelligible outline of the subject.

Senior elective course. One hour a week throughout the year.

2. *Physical Culture*. This end is sought under medical guidance in the Gymnasium during the college year from Nov. 1 to May 1. A physical examination of each student is made when he enters college and such kinds of gymnastic exercises are prescribed as seem indicated. The purpose is to encourage the promotion of health and phys-

ical vigor as necessary for successful mental application. Since much harm is often done by injudicious physical exercise, special effort is made to advise those who are suffering from defective bodily conditions how they may be helped by hygienic methods and the selection of forms of exercise particularly suited to their case.

BIBLICAL DEPARTMENT.

Professor HUBER.

1. *Old Testament History*. The books of Exodus, Numbers and Joshua, furnish the material to be mastered, which is the story of Israel from the departure out of Egypt through the wanderings in the wilderness, to the entrance into Canaan and the conquest of its inhabitants. In connection with the Scripture text a manual of biblical geography and history is used.

Freshman required course. One hour a week throughout the year.

2. *Old Testament History*. Jewish History from the establishment of the Monarchy to the Division of the Kingdom. The biblical material is found in Samuel and Kings; the geographical and historical manual is continued.

Sophomore required course. One hour a week throughout the year.

3. *Biblical Study*. (a) Any part of the Old Testament the class may prefer. (b) The Gospel of Luke in Greek.

Junior elective course. Four hours a week during the third term.

4. *New Testament Study*. The privilege of selecting the books to be studied is accorded to the class. The Gospel of Luke is chosen this year.

Senior elective course. One hour weekly throughout the year.

5. *Hebrew*. Harper's "Method and Manual" and "Elements of Hebrew." The method adopted in these books is the Inductive and has been found well suited to its purpose.

Senior elective course. Two hours a week throughout the year.

GENERAL COLLEGE ORDERS.

EXAMINATIONS.

Examinations are held at the close of each term, or when a subject is finished. When a student is unavoidably absent from this examination, and his absence is excused by the Faculty, he is examined, at the discretion of the Faculty, either before leaving, or at the opening of the following term before entering his name on the roll of his class.

If a student be absent for some time from the Institution, he must on re-entering, sustain an examination upon the studies to which his class has attended during his absence.

RECORDS.

A careful record of the attendance, scholarship and conduct of each student is kept; a general statement of which record is transmitted to parents or guardians at the close of each term.

DEGREES.

To members of the graduating class in full and regular standing diplomas are granted, conferring in the Classical Course the degree *Bachelor of Arts*, and in the Scientific Course the degree of *Bachelor of Science*.

The degree of *Master of Arts* and *Master of Science*, according to the previously received Bachelor degree, is conferred, in course, on Bachelors of three or more years' standing, provided all applicants for this degree make application therefor to the Faculty, in writing, at least one week before the annual Commencement.

TERMS AND VACATIONS.

The annual Commencement is held this year on the second Wednesday of June. The first term begins on the first

or second Thursday of September, and continues fifteen weeks; the second term begins two or three weeks after the close of the first term, and continues twelve weeks; the third term begins one week after the close of the second, and continues eleven weeks, until the day of the annual Commencement. The intervening periods of two (or three), one and eleven weeks are devoted to the vacations.

It is highly important for students to be punctual in entering upon their duties at the beginning of the term.

Unexcused absences from recitations are counted as zeros upon the grade.

The attention of parents and guardians is especially called to the fact that absences from recitation, whether at the opening of terms, or at other times, are not excused except for sickness or imperative necessity.

EXPENSES.

The necessary expenses of the collegiate year, exclusive of books, clothing, furniture and traveling expenses, are as follows for each student:

	MINIMUM.	MEDIUM.	MAXIMUM.
Board for 38 weeks,	\$68 00	\$85 50	\$114 00
First term, (Tuition, \$12 00)	20 00	20 00	20 00
(Gen. Exp. 8 00)			
Second term, (Tuition, \$9 00)	15 00	15 00	15 00
(Gen. Exp. 6 00)			
Third term, (Tuition, \$9 00)	15 00	15 00	15 00
(Gen. Exp. 6 00)			
Room rent and heat (half room),	12 50	40 00	62 50
Gymnasium Fee,	6 00	6 00	6 00
Washing,	12 00	12 00	12 00
	<hr/> \$148 50	<hr/> \$193 50	<hr/> \$245 00

Board may be secured at prices varying from \$1.80 to \$2.50 a week in clubs; and from \$2.50 to \$3.00 in boarding houses. The average price paid during the first two terms of the present year was \$2.27.

A Fee of \$1.50 a term for contingent expenses is charged to students not rooming in college buildings.

All members of the Senior class, upon their entrance on the last session of their course of study, pay to the Treasurer, with their college bills, an extra fee of \$5, which is refunded in case of failure to graduate.

CHEMICAL LABORATORY CHARGES.

Students in the Scientific Course are charged a term fee of \$5.00 for the use of chemicals and general apparatus. Glassware and other apparatus of individual use are supplied at cost prices, each person being charged with each article received and credited with the same on its return in good condition. The expense for this item in the first outfit has been about \$7.00, after which with proper care, it need not exceed \$1.50 a term. Students in general chemistry pay, for the course, a desk fee of \$10 for the use of chemicals and apparatus, and the cost price for all articles broken; this need not exceed \$1.00 a term. The fee for supplies in elective Mineralogy is \$2.25.

Parents or guardians may intrust funds for students to any member of the Faculty, and the funds will be applied as may be required.

Tuition and other college dues for each term, must, in all cases, be paid in advance. No student will be allowed to recite with his class until he has shown the Professor a receipt from the College Treasurer, or a note stating that he has made some satisfactory arrangement with the Treasurer.

ROOMS AND HEATING.

Students are required to lodge in the college dormitories, special cases excepted.

Unless all the available rooms of the college are occupied,

there is no remission of the charge for room-rent, except to students whose parents reside in town.

Rooms becoming vacant can be assigned at any time, preference being given according to class, to be occupied after the removal of the former occupant, and, if the person to whom the rooms are assigned should so desire, the furniture in them shall be removed.

The charges for room-rent and steam heat for the several rooms, given below, are for full use of the room; if two students occupy a room they divide the expense. The annual charge is given first, and in parenthesis the division of this charge between the first, second and third terms of the collegiate year. E=East Division, M=Middle Division, and W=West Division, S=South College.

At \$25.00 (8.50, 10.75, 5.75): 4, 6, 8 E; 1 M; 4, 6 W.

At \$28.00 (9.50, 11.75, 6.75): 5, 7, 9 E; 5, 7 W.

At 33.50 (11.00, 13.75, 8.75): 14, 15, 16, 17, 18, 19, 24, 25, 26, 27, 28, 29, 34, 35, 36, 37, 38, 39 E; 6, 11, 16, 19, 21, M; 12, 13, 14, 15, 20, 21, 22, 23, 28, 29, 30, 31 W.

At \$38.00 (13.00, 15.25, 9.75): 1, 3, E; 2 M; 1, 3 W.

At \$40.00 (14.00 16.00, 10.00): 22, 23, 24, 25, 30, 31, 32, 33 S.

At \$42.50 (14.50, 16.75, 11.25): 10, 11, 12, 13, 20, 21, 22, 23, 30, 31, 32, 33 E; 3, 4, 5 M; 8, 9, 10, 11, 16, 17, 18, 19, 24, 25, 26, 27 W.

At \$44.75 (15.50, 18.00, 11.25): 9, 17, 22 M.

At \$45.00 (15.00, 18.00, 12.00): 26, 27, 28, 29 S.

At \$50.00 (17.00, 20.00, 13.00): 20, 21, 34, 35 S.

At \$53.00 (19.00, 20.75, 13.25): 8, 10, 12, 14, 18, 20 M.

At \$75.00 (26.00, 29.00, 20.00): 1, 2, 3, 4, 5, 6, 7, 8 S.

At \$90.00 (\$32.00, 36.00, 22.00): 10 and 12, 11 and 13, 15 and 17, 16 and 18 S.—suites of two.

At \$125.00 (43.00, 50.00, 32.00): 9, 19 S.—suites of three.

Rooms 3, 4, 5, 8, 10, 12, 14, 18 and 20 M, include a large study and a good sized bed room. Even numbers, except 22, are on the north side of the building.

GRADUATE COURSES.

Provision is made for those who desire to pursue a graduate course of study leading to the degree of *Doctor of Philosophy*, on the following conditions:

1. Only those who have received Bachelor degrees equivalent to those given in this College, are eligible candidates.

2. The studies must be pursued under the direction of the Faculty. At least one year's residence in the case of graduates of this Institution and two years' residence in case of graduates from other institutions will be required. Residence during which professional studies are also being pursued will not be accepted.

3. In the case of non-residents, reports of progress must be made to the Professors in charge of the department in which studies are being pursued, and examinations will be made in such manner and as frequently as the Professors may direct.

4. Not less than three years' work will be required.

5. At the close of the course a satisfactory thesis showing evidence of original investigation must be submitted.

6. The following subjects are open for selection. Each applicant must select one as a major subject and two as minor subjects. Those marked (*min.*) can be chosen only as minor subjects:

Psychology; Moral Science; Natural Theology (*min.*); Evidences of Christianity (*min.*); Greek; Latin; German; French; English Literature; History; Political and Social Science; Mathematics; Chemistry; Mineralogy (*min.*); Geology; Botany (*min.*); Physics and Astronomy.

7. A registration fee of \$25 is charged at the beginning and an examination fee of \$50 at the end of the course.

8. Failure to report progress for examination during as long a period as two years will cause the name of the candidate to be dropped from the printed list.



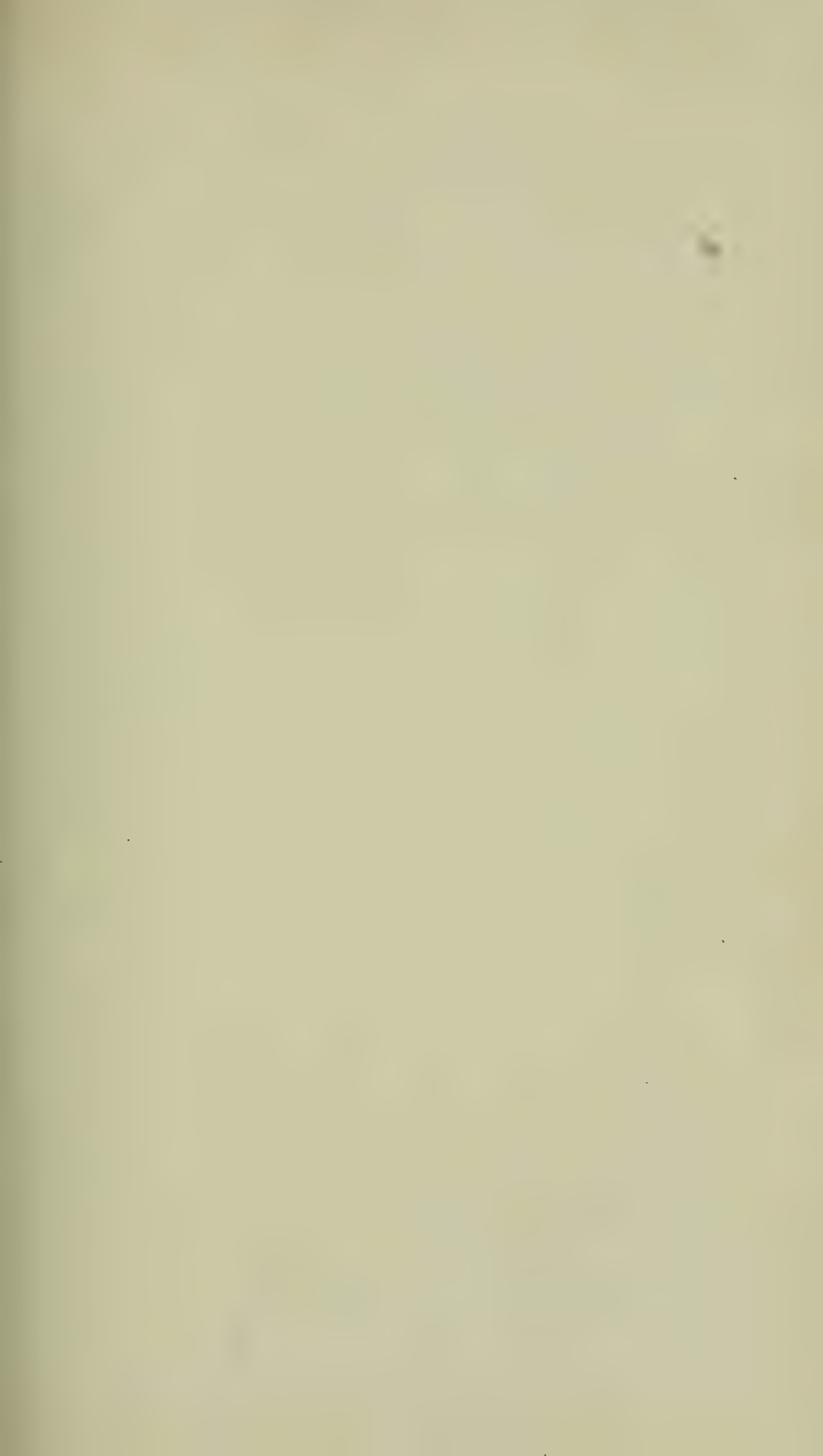
EQUIPMENT.

MUSEUM.

The museum contains varied collections of fauna and flora and minerals, all of which are freely used in instruction. The Mineralogical Cabinet contains over 6,000 specimens, including not only very full suites of the more common and more important minerals but also good specimens of many of the rarer minerals. The collection in Lithology numbering 3,000 specimens and of iron in Metallurgy have, by recent additions, become fairly representative in the most important departments of these sciences. The Botanical Collection of 6,000 specimens, mainly presented by Miss Elizabeth C. Morris, of Germantown, Pa., is well arranged and contains a full representation of American Flora. A beginning has been made of a Chemical Museum—to contain specimens of raw and manufactured materials in chemical industries. Friends of our Institution can greatly aid us by additions to these collections.

LITERARY SOCIETIES.

Two Literary Societies are connected with the College, the Phrenakosmian and the Philomathæan. These exert a favorable influence in the intellectual and social culture of their members. The exercises consist of music, essays, orations and debates. The practical acquaintance with parliamentary law here formed makes these societies the best







schools for free citizenship. The halls occupy two wings on the third story of the Recitation Hall, and are conveniently and handsomely furnished. Their sessions are held every Friday evening.

A reading room, managed by these Societies and the Y. M. C. A. contains a great variety of periodical literature.

LIBRARIES.

The College library, to which all the students have access without charge, contains many works of reference. During term time the Library is open for consultation and the drawing of books four hours each week day, except on Saturday when it is open for two hours.

The income of a fund invested for the purpose provides for frequent additions of the best publications.

The Libraries of the Literary Societies comprise a large number of well selected and standard volumes, which are annually increased through the income of separate funds.

These libraries are accessible to the members of the Societies under their respective regulations, and are open for the issue of books on Wednesday at 4 p. m. and Saturday at 10 a. m. during term time. They are in the same hall with the College Library. In addition to several thousand partly classified but unbound pamphlets

The College Library contains	12,597	volumes.
The Philomathæan Library contains	6,226	"
The Phrenakosmian Library contains	5,578	"
		<hr/>
		24,401

SCHOLARSHIPS.

A number of permanent scholarships, securing free tuition, have been endowed and are under the control of synods, congregations, or individuals. C. W. Thompson, Esq., of

Lancaster has established a scholarship for the purpose of giving the benefit of a collegiate education to the most successful and indigent pupil who shall pass through the prescribed course in the High School of Gettysburg.

PRIZES.

MUHLENBERG FRESHMAN PRIZE.—The interest of a fund of five hundred dollars, contributed by Prof. F. A. Muhlenberg, D. D., LL. D., is given at the close of the year to that member of the Freshman Class who, upon examination, is found to have attained the highest degree of scholarship in the studies of the Classical course.

BAUM MATHEMATICAL PRIZE.—Charles Baum, M. D., Ph. D., of Philadelphia, has contributed five hundred dollars, the income from which is to be annually given to that member of the Sophomore Class who shows the greatest proficiency in Mathematics.

HASSLER LATIN PRIZE.—Mr. Charles W. Hassler has furnished a fund, the interest of which is annually expended for the purchase of a Gold Medal, to be presented to the student of the Junior Class, who, at the end of the year, shall be the best Latin scholar.

REDDIG ORATORICAL PRIZE.—Mr. Clarence Jacob Reddig of Shippensburg, contributes annually the sum of twenty-five dollars as an Oratorical Prize, to be contended for in public, by the Junior Class, on Wednesday of Commencement week.

GRAEFF PRIZE.—This prize was founded by Mr. John E. Graeff, of Philadelphia. The sum of \$30 is awarded for the best English essay from the Senior Class, on a subject previously assigned. The decision is made by a committee appointed by the Professor of English Literature.

GIES PRIZES IN COMPOSITION.—William J. Gies, Ph. D., of Columbia University, has established three prizes of \$35, \$25,

and \$15, respectively, for the encouragement of work in English Composition. Three productions will be required from each competitor and will be due, respectively, October 15th, January 15th, and April 1st. These prizes are open to all classes, though recipients of the first prize are excluded from further competition.

Students in special courses are not admitted to competition for any of the foregoing prizes.

BUILDINGS.

PENNSYLVANIA HALL, erected in 1836-38, was remodeled and improved in 1889. It contains eighty-six rooms for students, many of them *en suite*, so that those who may wish to do so can have separate study and sleeping rooms. In this building are the reading rooms of the Literary Societies and the large room used by the College Y. M. C. A. These rooms are heated by steam, and water pipes connected with the town system of water works are on the first floor.

SOUTH COLLEGE, erected in 1897, is a building of three stories containing rooms for about fifty students. It is finished entirely in hard wood, is heated with steam, has hot and cold water on each floor and lavatories in convenient places. The first floor has eight rooms, each with open fire places, tile hearth and spacious closets. These rooms may be used by one or by two occupants, as preferred. On the second floor all rooms are *en suite*, each suite consisting of a study with one bedroom or two. These are also provided with hearths, closets, etc. The third floor is divided into sixteen single rooms.

THE RECITATION HALL, erected in 1888-89, is used for general college purposes. On the first floor are the library room and office, the President's office, the reception room, and recitation rooms. The second floor has recitation

rooms. The third floor has in the front center a large museum room with valuable collections. In the rear centre are a mineralogical laboratory and suite of rooms fitted up for use as an infirmary, if they should be needed. In the north wing is the hall of the Philomathæan Society, in the south wing the hall of the Phrenakosmian Society. In the basement are rooms designed for a physical laboratory.

THE BRUA MEMORIAL CHAPEL, erected in 1889-90, is the gift of the late Col. John P. Brua, U. S. A., as a memorial to his parents. This building is used for morning prayers, for Commencement exercises, lectures, and other occasions requiring a large audience room.

THE CHEMICAL LABORATORY is a frame building, erected in 1872 and in 1890 converted to its present use. It contains on one floor a large lecture room, an office, store rooms, chemical room, balance room, and two laboratories—one for general chemistry, with desk room for forty-eight students, the other for analytical chemistry with desk room for forty-eight students. The building is fitted with the most improved appliances; gas and water are at each desk; there are ample hoods, a water distilling apparatus and large sand bath, and other necessary apparatus. The balance room contains balances set on walls especially built for them. In the basement are an assay room and a store room.

THE ASTRONOMICAL OBSERVATORY, erected in 1875, is furnished with an achromatic telescope, having an object glass of six and one half inches, with a transit instrument, chronometer, and other appliances.

THE GYMNASIUM has on the first floor ample dressing rooms and bathing facilities, and a base ball cage. On the second, or main floor, a class of sixty members can be accommodated for gymnastic drill. The selection of specialized apparatus in light and heavy gymnastics is varied

and complete. The Professor's office, where all the physical tests and measurements are taken, is also on this floor, and is furnished with a full set of anthropometric apparatus.

On the gallery there is a first-class "Robert's patent" running track with seating accommodation for visitors.

The gymnasium is open at stated times every afternoon and evening and Saturday all day, aggregating twenty-four hours each week, apportioned between regular class practice and general practice.

Athletic sports are encouraged, but under such regulation as, it is believed, prevent them from becoming a source of demoralization to the students, or interfering with the legitimate work of the Institution. A student who has not first secured the permission of his parents, is not allowed to engage in any public contest.

ATHLETIC FIELD. Immediately north of the college buildings is the athletic field, which is carefully graded and securely inclosed, and covers an area of over four acres. It affords room and facilities for all kinds of out-door sports.

THE BOILER HOUSE supplies the steam required for heating all the college buildings, and has capacity for more.

Besides these buildings there are on the campus the President's house, a double house for Professors, and four halls erected by Greek Letter Societies.

A fair valuation of the several buildings is:

Pennsylvania Hall,	\$38,000
South College,	20,000
Gymnasium,	14,000
Stevens Hall,	20,000
Chemical Laboratory,	10,000
Observatory,	3,500
Recitation Hall,	86,000

Brua Chapel,	19,000
Other buildings, not including fraternity halls, .	14,000
Steam and water plants,	25,000
	<hr/>
	\$249,000

In addition, the libraries, scientific apparatus, scientific collections and furniture are worth at least \$75,000. These estimates do not include the value of the improved campus.

NEEDS OF THE COLLEGE.

The friends of the College may desire information as to its most pressing needs. Provision should be made for additional teaching force and apparatus in the following departments :

The Department of Physics.

The Department of Biology.

The Department of Applied Mathematics.

The Department of Philosophy and History.

The Department of Rhetoric and Elocution.

The Library Fund and the General Endowment Fund should be increased.

GENERAL ALUMNI ASSOCIATION.

The Alumni Association of Pennsylvania College holds its regular annual meeting on Wednesday evening of Commencement Week. In 1876 the Board of Trustees granted the Association the privilege of nominating six of their number to membership in the Board, to fill alternate vacancies till the whole number is secured.

The officers of the association are : President, Charles S. Duncan, Esq., class of '82 ; Vice Presidents, Rev. Luther S. Black, class of '88, Matthew G. Boyer, D. D., class of '65, Rev. Prof. Thomas B. Birch, class of '91 ; Secretary, Prof. J. A. Himes, class of '70 ; Treasurer, Mr. H. C. Picking, class of '79.

COLLEGE PERIODICALS.

The *College Mercury*, published monthly in term time under the control of the Literary Societies, is a literary journal sustained by the contributions of students and alumni. *The Gettysburgian*, under private control of students, is published weekly and makes a specialty of college and town news. *The Spectrum*, an annual publication of the Junior Class, contains pictorial representations of the College with its various organizations and surroundings as well as useful statistics about students and alumni. All aim at enlarging the means of communication between the College and its graduates, former students and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the Institution.


CONTINGENT FUND.

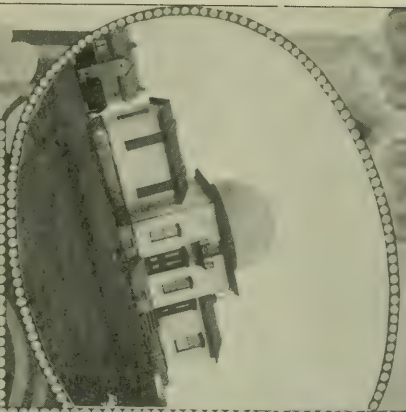
Under the recommendations of the various Synods, the congregations on the territory of Pennsylvania College several years ago began a plan of taking up, on the Day of Prayer for Colleges, a special collection for the contingent expenses of the College. The money thus collected has been largely spent in improving the campus.

The attention of School-boards and others desiring teachers is called to the fact that it is frequently in the power of the Faculty to recommend suitable persons. The employment of our graduates in schools is a very effective way of strengthening the college.

FORM OF BEQUEST.

I give, bequeath and devise to "The Trustees of Pennsylvania College, of Gettysburg, in the County of Adams," in the State of Pennsylvania, and their successors and assigns forever, the sum of —— (or shares in the bank of ——, or any other personal property or real estate, as the case may be), to be applied to the Endowment Fund of the Institution.

 *A bequest to a benevolent corporation, to be legal must be made at least 30 days before the death of the Testator, in Pennsylvania, and 60 days in New York.*



PREPARATORY DEPARTMENT.

AIM OF THE DEPARTMENT.

Stevens Hall is located within two minutes walk from Pennsylvania College. The object of its foundation, which the school has steadily kept in view, was to present to the public AN ACADEMY UNDER THE CONTROL OF COLLEGE AUTHORITIES. The advantages of such a combination are obvious. To students who desire to prepare for College it offers a course of preparatory instruction under the eyes of their future Professors and in the line of the college requirements. The school, being open at all times to visits from the instructors in the College, and receiving from time to time their counsel, is able to give to those students who desire it just that preparatory study and drill which will lead to the most profitable and creditable work in the college classes. Time is concentrated upon the studies in which it is needed, and STUDENTS WHO HAVE SATISFIED THE REQUIREMENTS IN THE PREPARATORY DEPARTMENT ARE ADMITTED TO THE FRESHMAN CLASS OF THE COLLEGE UPON THE PRINCIPAL'S RECOMMENDATION WITHOUT FURTHER EXAMINATION. On the other hand, students who do not expect to enter College, and who desire only an English education, preparatory to business, teaching, etc., may find in this school an academy of high grade under the supervision of College Professors, in a college atmosphere, and with free access to the college libraries. Near association with a college is a stimulus to study, and often awakens a desire for a higher education.

GOVERNMENT.

The Preparatory Department, though under the control of the College authorities, has a separate building of its own, and is under the special direction of a Principal who gives to it his whole time in the work of instruction and supervision. He is aided by three assistants.

The school seeks to develop intelligent Christian gentlemen. The discipline aims at making the pupil SELF GOVERNING, and at leading him to habits of self-respect and self-control by training the judgment, quickening the conscience, and cultivating a delicate sense of honor.

When it is evident that a pupil has no proper appreciation of his opportunities, and is harming the school rather than receiving benefit from it, his parents are asked to remove him.

During study hours students are expected to be in their rooms, which are subject to frequent visits by instructors.

ADMISSION.

Students are admitted at any time to the grade for which they are qualified by previous study. But it is highly important that the student enter the school as early in the course as possible. With the present high requirements for admission, a hurried preparation is generally unwise and tends to embarrass the student's future progress, especially in Latin and Greek. Accurate, technical scholarship, at which the school aims, can hardly be secured without long drill, especially in the languages. Without intending at all to discourage those whose circumstances, rather than their desire, lead them to attempt short preparation, all who can are urged TO LAY THE FOUNDATION CAREFULLY. An additional year of time at the beginning is always a gain in the ease and success with which future work is done. The

fact, however, is recognized that students differ widely in ability and industry, and every opportunity is afforded those who can do so to cover the required work in a shorter time.

No examinations are required for admission, the pupil being at once assigned to the class for which his previous studies seem to have fitted him. If, upon trial, it be found that a mistake has been made, the Principal reserves the right to transfer the student to the proper grade.

Students who have advanced sufficiently in Mathematics and the English branches to enter the Freshman class, but have not studied Latin or Greek, will here find special arrangements made for their rapid advancement. Girls will be received as day scholars. A study hall has been reserved for their exclusive use and they are not obliged to mingle with the general class except at regular recitation periods. When at school they are under the care of a lady superintendent. Refined homes for them can be secured in town at moderate rates. They will be under the care of the Principal who will be fully informed of their conduct.

RELIGIOUS EXERCISES.

On Sunday morning the students of the Preparatory Department are required to attend worship with the College instructors and students in the College Church, or in such other place of worship as their parents or guardians may designate. A Bible class is conducted by the Principal every Sunday morning and is a part of the regular course of study. Chapel service is held every morning of the week.

COURSE OF STUDY.

The course of study is designed to prepare students of either sex, who desire to enter college, for the Freshman class, and to give students who do not expect to enter College, so far as it can carry them, a wide intelligence, true

culture, and habits of careful and sound thinking. New and important subjects have been added, and increased attention is given the lower classes. All students of the school have free access to the College Library, and students over fifteen years of age may join either of the College Literary Societies.

There is no musical course in the school, but arrangements for instruction at moderate terms may be made in the town without conflict with school work.

A report of the work and conduct of each student is sent home at the end of each term, and at any other time upon request or when the Principal thinks it desirable.

There are two courses, the Classical (with Greek), and the Scientific or Academic (without Greek). The subjects taught are as follows :

LATIN.

Junior Class. Instruction in the essentials of the language. Translations of short stories, fables, dialogues. The writing in Latin of simple sentences. Drill on vocabulary.

Middle Class. Review of Latin in Comstock's Lessons. *Viri Illustres Romae*, with continuous drill in the grammar ; analysis of words and sentences ; prose composition based on the text.

Sub-Freshman Class. Cicero's Orations, first three against Catiline, with sight translation of advance passages ; drill in syntax ; prose composition based upon Cicero. Vergil's *Æneid*, I-III., with study of Latin Prosody ; mythology.

GREEK.

Middle Class. White's Elements ; complete survey of the language with syntactical analysis of first eight chapters of Xenophon's *Anabasis* ; study of word-formation, rules of syntax, historical allusions ; special drill on vocabulary.

Students in the Scientific course take Physics and Physiology instead of Greek.

Sub-Freshman Class. Xenophon's *Anabasis*, I-III., with continuous drill in grammar and Attic forms. Translation at sight of book V., with special study of moods and tenses.

Students in the Scientific Course will take Physical Geography and History instead of Greek.

Students who are prepared for college in all the other entrance requirements will be allowed to concentrate upon Latin, Greek and Mathematics, and a special class will be organized for their benefit.

MATHEMATICS.

Junior Class. Arithmetic to percentage ; analysis of numbers ; notation ; special drill in Fractions, including Decimals.

Middle Class. Arithmetic completed, with the Metric system ; Commercial Arithmetic. Wells' Elements of Algebra through Fractions.

Sub-Freshman Class. Algebra completed, with special drill in the Equation. Drill in Geometrical Figures with Kitchener's Note Book as a guide. Phillips and Fisher's Geometry, I-III ; solution of original problems.

HISTORY.

Junior Class. Eggleston's History of the United States ; study by questions on the text, and by epochs. Frequent tests in writing.

Middle Class. Montgomery's History of the United States.

Sub-Freshman Class. Grecian and Roman History with attention to social customs, education, literature, thought and art. Reading from standard works in history and biography.

English and French History *for students in the Scientific Course.*

ENGLISH.

Junior Class. English Grammar. Reading. Spelling. Punctuation ; use of capitals. Writing from dictation. Letter writing.

Literature : Dr. Brown's Rab and His Friends, Hughes' Tom Brown's School Days, Lamb's Tales from Shakespeare, Kingsley's Heroes, and Westward Ho, Hawthorne's Wonder Book, Burroughs' Birds and Bees, Irving's Sketch Book.

Middle Class. Patterson's English Grammar. Reading, recitation, composition and declamation. Spelling, punctuation, capitals. Narration and description. Study of outlines.

Literature : Church's Story of the Iliad, Cooper's Last of the Mohicans, Longfellow's Miles Standish and Evangeline, Dickens' Christmas Carols, Franklin's Autobiography.

Sub-Freshman Class. Syntactical analysis. Buehler's Practical

Exercises. Study of the paragraph ; figures ; types of style. Abstracts and outlines. Declamation. Composition.

Literature : Macaulay's Essay on Frederick the Great, Sir Roger de Coverley papers, Scott's *Ivanhoe* and *Lady of the Lake*, Hawthorne's *Scarlet Letter*, Eliot's *Silas Marner*, Tennyson's *Idylls of the King*.

NATURAL SCIENCE.

Junior Class. Geography, Industrial and Political, with map drawing. Natural History ; survey of the Mineral, Vegetable and Animal Kingdoms.

Middle Class. Historical Geography ; construction of maps illustrative of political movements. Physiology with direct reference to Hygiene.

Sub-Freshman Class. Physical Geography. Natural laws and forces.

BUSINESS.

A course of instruction is given in Book-keeping and Penmanship ; the former is an optional study, the latter required. This course is intended to fit young men for a business career.

PHYSICAL EXERCISE.

The building is surrounded with large and pleasant grounds adapted to foot-ball, base-ball, tennis, and other out-door sports ; and in addition to this the students enjoy all the privileges and instruction of the College Gymnasium.

BUILDINGS AND ROOMS.

The building, located on a slight eminence north of the town, is heated throughout by steam. It has recently been thoroughly repaired and renovated. The rooms on the third floor are now arranged *en suite* with a broad archway separating the study and sleeping apartments. On the second floor the rooms are separate. The plaster and wood-work has been renewed and repainted and the building neatly papered throughout.

The rooms have been refurnished with heavy oak wardrobes, book-cases, wash-stands, tables and chairs. Iron enameled beds complete with springs and mattresses are also provided. Two students occupy two rooms, one for studying, the other for sleeping. The rooms are furnished with two single bedsteads, mattresses, chairs, table, book-case, clothes-closet, window curtains and wash-stand. The other articles needed for the rooms, and *to be furnished by the occupants*, are as follows: Wash-bowl and pitcher, mirror, lamp, oil-can, slop-pail and carpet. The carpet for a third floor study room is $10\frac{1}{2}$ by $10\frac{1}{2}$, sleeping room $10\frac{1}{2}$ by 11, for a second floor study room 10 by $12\frac{1}{2}$. Each student must also be provided with towels, three sheets for single bed, two pillow slips, a spread, comforts and blankets, and a feather pillow.

EXPENSES.

	FALL TERM. 15 WEEKS.	WINTER TERM. 12 WEEKS.	SPRING TERM 11 WEEKS.
Tuition,	\$12.00	\$9.00	\$9.00
Room-rent and Use of Furniture,	8.25	7.00	7.00
Steam Heat,	3.60	4.20	1.80
Gymnasium Fee,	2.00	2.00	2.00
Incidentals,	5.00	5.50	4.50
	<hr/> \$30.85	<hr/> \$27.70	<hr/> \$24 30

Students do not board in the building, but in clubs and private families at a cost of from \$1.80 to \$3.00 a week. Washing is \$1.25 a month. Students who do not room in the building are not charged for room-rent or for heating.

All bills with the Institution must be paid at the beginning of each term. Money entrusted to the Principal for the use of the students will be expended as desired.

A TEACHERS' COURSE

is conducted during the Spring term.

The course, recognizing the existence of a science and an art of education which imposes the duty of preparation on those who would teach, desires first of all to afford an opportunity to make a helpful, practical study of some of the essential principles which underlie and actuate true teaching. To the accomplishment of this end daily work will be given in the Theory and Practice of Teaching. This work, by means of recitations, discussions, talk, etc., will point out the practical bearings of the History of Education, Psychology and School Management on the every-day duties and privileges of the school room. Mr. A. B. B. Van Ormer, a graduate in pedagogy, will have charge. Experienced teachers will be employed in addition to the regular corps.

But the course, while laying emphasis on the professional side of a teacher's preparation, also duly recognizes the paramount importance of a thorough knowledge of the subject-matter to be taught. Consequently daily recitations will be conducted in all the "common school" branches. In the presentation of these subjects the "topical method" will be followed which admits of the use of *any* standard text-book.

Students in this course are allowed the use of the College library, equipment, &c. Dr. Stahley, Professor of Hygiene and Physical Culture, will deliver several illustrative lectures to the class in Physiology. The Astronomical Observatory with its fine large telescope will be used in personal observation and study of the solar system in its relation to the geography of the earth.

During the term several general tests will be held preparatory to the regular county examination.

Any person taking the course may study Book-keeping,

Algebra, Geometry, Latin, Greek, etc., without additional charges for tuition.

The tuition for the term of ten weeks is . . . \$13.50.

This fee includes the entire course, there being no extra charges for additional branches.

Board can be secured at very moderate rates. See page 47.

Term Begins April 3.

Term closes June 13.

For further information address

REV. CHARLES H. HUBER, A. M.,
Principal.

GRADUATE STUDENTS.

Mary Naomi Myers,	Penn'a. College, '98.	<i>Gettysburg.</i>
Rev. William P. Swartz,	Pa. College, '81,	<i>Poughkeepsie, N. Y.</i>
Rev. Milton H. Valentine,	Penn'a. College, '82.	<i>Philadelphia.</i>

SENIOR CLASS.

Paul Harold Bikle,	<i>Gettysburg,</i>	2 Campus.
Charles Samuel Bottiger,	<i>Hazleton,</i>	26 W.
Otto Edward Bregenzer,	<i>Baltimore, Md.,</i>	29 St.
*Benjamin Franklin Carver,	<i>Hanover,</i>	23 E.
Wilkins Blair Claney,	<i>Allegheny City,</i>	24 S.
Robert David Clare,	<i>Abbottstown,</i>	28 E.
*David Dale,	<i>Lemont,</i>	10 E.
*Charles Jacob Deitrich,	<i>Frackville,</i>	18 W.
*Roy Cornelius Dougherty,	<i>Gettysburg,</i>	129 Carlisle St.
George William Dress, Jr.,	<i>Steelton,</i>	37 E.
Harry Bealor Ernest,	<i>Elizabethville,</i>	16 M.
Cecil Gertrude Frey,	<i>Gettysburg,</i>	107 N. Stratton St.
William Walter Frey,	<i>York,</i>	Observatory.
Addison Daniel Gilbert,	<i>Friesburg, N. J.,</i>	24 W.
Charles Clayton Grove,	<i>Hanover,</i>	30 W.
Charles Henry Günter,	<i>Pierson, Fla.,</i>	34 E.
John K. Hamacher,	<i>Steelton,</i>	25 W.
James Frank Heilman,	<i>Harrisburg,</i>	28 S.
Stephen Hitchner,	<i>Friesburg, N. J.,</i>	24 W.
†Emily Berluchy Horner, ¹	<i>Gettysburg,</i>	39 Chambersburg St.
John Ilgen Hummer,	<i>Middagh's,</i>	21 W.
Reuben Zinn Imler,	<i>Bedford,</i>	19 W.
John Freeze Knittle,	<i>Catawissa,</i>	3 E.
Jesse S. Koller,	<i>Glenville,</i>	21 M.
Joseph G. Langham,	<i>Ducansville,</i>	10 M.
Ira Martin Long,	<i>Hay's Grove,</i>	12 S.

*Scientific Course.

†Special Course.

*James Clyde Markel,	<i>Columbia,</i>	6 M.
William Nissley McNair,	<i>Middletown,</i>	19 W.
William Jacob Miller,	<i>Philadelphia,</i>	9 S.
William Robertson Miller,	<i>Friesburg, N. J.,</i>	23 W.
Frank Pollins Shoup,	<i>Greensburg,</i>	21 E.
John Luther Alden Sieber,	<i>Gettysburg,</i>	25 W. Middle St.
*Martin Luther Smyser,	<i>Gettysburg,</i>	230 Chambersburg St.
McClellan Stock,	<i>Hanover,</i>	8 M.
Frank Milton Traub,	<i>Bloomsburg,</i>	9 W.
George Donald Weaver,	<i>Newry,</i>	1 S.
Luther Allan Weigle,	<i>Mechanicsburg,</i>	16 W.
†Maurice Clifford Williams,	<i>Gettysburg,</i>	Fairfield Road.
Homer Niland Young,	<i>Anselma,</i>	32 E.

Seniors 39.

JUNIOR CLASS.

Arthur Nicholas Bean,	<i>Reigelsville,</i>	13 W.
Joseph Miller Bordy,	<i>Girardville,</i>	27 S.
David Clark Burnite,	<i>Harrisburg,</i>	34 S.
Henry Schwartz Crouse,	<i>Littlestown,</i>	20 E.
*Hope Dill,	<i>Gettysburg,</i>	Hotel Gettysburg.
Michael Calvin Dinger,	<i>New Maysville,</i>	1 S. Stratton St.
George Horine Easterday,	<i>Jefferson, Md.,</i>	18 M.
George Henry Eveler,	<i>Middletown,</i>	24 E.
William Freas,	<i>Baltimore, Md.,</i>	11 E.
Victor Frey,	<i>York,</i>	39 E.
Samuel Ward Gramley,	<i>Spring Mills,</i>	10 W.
Luther Wagner Gross,	<i>Muncy Station,</i>	18 E.
David Seymour Hafer,	<i>Lemasters,</i>	15 W.
Herbert Hollinger Hartman,	<i>Baltimore, Md.,</i>	25 S.
Percival Seitz Heintzelman,	<i>Fayetteville,</i>	15 S.
William Henry Hetrick,	<i>Harrisburg,</i>	9 M.
Harry Clyde Hoffman,	<i>Jenners,</i>	12. M.
Charles Edward Howard,	<i>Gettysburg,</i>	2 E. Water St.
Melville Titus Huber,	<i>Gettysburg,</i>	101 Springs Ave.

*Scientific Course.

†Special Course.

Hiram Harper Keller,	<i>Bedminster,</i>	11 and 13 S.
Paul H. Ketterman,	<i>Glennville,</i>	32 E.
William Andrew Kohler,	<i>Port Royal,</i>	3 W.
Joseph David Krout,	<i>York,</i>	26 E.
*Palled Bertram Krout,	<i>York,</i>	26 E.
Harry Austin Lantz,	<i>Harrisburg,</i>	9 M.
George Frederick Leffler,	<i>Millersburg,</i>	35 E.
William Gideon Leisenring,	<i>Chambersburg,</i>	30 S.
Charles Leonard,	<i>Cohansey, N. J.,</i>	23 W.
John Calvin McCarney,	<i>Arendtsville,</i>	S. Stratton St.
William Chichester McClean,	<i>Dauphin,</i>	11 M.
John Weigle Mehring,	<i>Littlestown,</i>	19 E.
*Ardashes Hagop Merdinyan,	<i>Iconium, Turkey,</i>	5 E.
Warren Anson Moser,	<i>Conshohocken,</i>	13 E.
Philip Hiram Ribald Mullen,	<i>Baltimore, Md.,</i>	28 W.
George Washington Nicely,	<i>Montoursville,</i>	16 E.
Alexander Hay O'Neal,	<i>Gettysburg,</i>	306 Baltimore St.
Harry Hartzell Penrod,	<i>Johnstown,</i>	29 E.
*Mahlon Richardson Raby,	<i>Waynesboro,</i>	129 Carlisle St.
Henry Sylvester Rhoads,	<i>Somerset,</i>	10 M.
Edward Ray Richards,	<i>Zanesville, O.,</i>	202 N. Stratton St.
John Roy Richards,	<i>Zanesville, O.,</i>	202 N. Stratton St.
*Frank Croughten Rugh,	<i>Pittsburg,</i>	20 S.
Albert Harvey Shoup,	<i>Greensburg,</i>	21 E.
Charles Milton Altland Stine,	<i>Harrisburg,</i>	22 S.
Richard Baxter Stock,	<i>Hanover,</i>	8 M.
Jacob Rush Stoner,	<i>Lemasters,</i>	29 W.
Samuel Brook Stoner,	<i>Hanover,</i>	13 E.
Benjamin Van Doren, Jr.,	<i>New Germantown, N. J.,</i>	29 S.
*Samuel Alfred Van Ormer,	<i>Schellsburg,</i>	13 St.
Joseph Melanchthon Weber,	<i>Mechanicsburg,</i>	3 E.
Charles Wesley Weiser,	<i>Millheim,</i>	29 W.
†Charles Thomas Ziegler,	<i>Gettysburg,</i>	45 Chambersburg St.

Juniors 52.

*Scientific Course.

†Special Course.

SOPHOMORE CLASS.

Samuel Willard Ahalt,	<i>Burkittsville, Md.,</i>	14 M.
*Harry George Amick,	<i>Philadelphia,</i>	5 S.
Ira Bruce Amick,	<i>Philadelphia,</i>	5 S.
Allen Franklin Basehoar,	<i>Gettysburg,</i> Chambersburg Road.	
Walter John Bickel,	<i>Pittsburg,</i>	21 S.
Emory David Bream,	<i>Gettysburg,</i>	136 Carlisle St.
Martin Luther Clare,	<i>Abbottstown,</i>	28 E.
Silas Harman Culler,	<i>Jefferson, Md.,</i>	22 M.
†Frank Woodhull Daniel,	<i>Webb City, Mo.,</i>	9 S.
*Edward Matthews Dare,	<i>Zanesville, O.,</i>	101 N. Stratton St.
Harry Crawford Douglas,	<i>McKeesport,</i>	11 W.
Mark Kurtz Eckert,	<i>Gettysburg,</i> Centre Square, N. W.	
†Samuel Burkhart Emmert,	<i>Funkstown, Md.,</i>	19 M.
Frank Speck Fite,	<i>Pittsburg,</i>	19 W.
Wilbur Henry Fleck,	<i>Culp,</i>	31 S.
John T. Fox,	<i>Sundale,</i>	25 E.
†Wilford Stanley Gladfelter,	<i>Seven Valley,</i>	1 S.
William Walter Hartman,	<i>McKeesport,</i>	35 E.
Luther Eugene Henry,	<i>Blain,</i>	25 E.
Frederic Arnold Hightman,	<i>Taylorstown, Va.,</i>	15 E.
Carl Stichter Karmany,	<i>Lebanon,</i>	7 S.
Martin Shaeffer Karmany,	<i>Lebanon,</i>	7 S.
†John Edward Kleffman,	<i>Gettysburg,</i>	7 W. Middle St.
John Gelwicks Koser,	<i>Arendtsville,</i>	22 M.
Milton Ralph Long,	<i>Fayetteville,</i>	11 and 13 S.
David Sylvester Martin,	<i>Hanover,</i>	22 W.
David Monfort Melchoir,	<i>Springtown,</i>	127 York St.
*Clarence Moore,	<i>New Lexington,</i>	12 M.
John Franklin Newman,	<i>Fayetteville,</i>	14 E.
William Cramp Ney,	<i>Harrisburg,</i>	28 S.
Reese St. Clair Poffenbarger,	<i>Rohrersville, Md.,</i>	33 S.
Wm. Harrison Winfield Reimer,	<i>Stone Church,</i>	17 E.
Arthur Bean Richard,	<i>Lovettsville, Va.,</i>	20 W.
William M. Robenolt,	<i>Fayette, N. Y.,</i>	14 E.

*Scientific Course.

†Special Course.

Henry Calhoun Rose,	<i>Cumberland Valley,</i>	33 E.
Edward Clayton Ruby,	<i>Gettysburg,</i>	Centre Sq., N. W.
Menno Sharp,	<i>Brickerville,</i>	33 E.
†George Chester Smith,	<i>Tyrone,</i>	27 E.
Irvin Keemer Smith,	<i>Mahanoy City,</i>	27 E.
James Arthur Smyser,	<i>Dillsburg,</i>	9 W.
*William Griffith Smyser,	<i>Dillsburg,</i>	9 W.
Charles Clarence Storrick,	<i>Gettysburg,</i>	21 York St.
*Annie Martha Swartz, 1	<i>Gettysburg,</i>	224 Baltimore St.
*James Donald Swope,	<i>Gettysburg,</i>	206 Baltimore St.
James Calvin Taylor,	<i>Gettysburg,</i>	21 York St.
Clyde Baker Weikert,	<i>Woodsboro, Md.,</i>	11 W.
Paul Daniel B. Witman,	<i>Pottsville,</i>	22 E.
†Henrietta Louisa Young,	<i>Easton,</i>	3 Baltimore St.

Sophomores 48.

FRESHMAN CLASS.

*David Snider Babylon,	<i>Westminster, Md.,</i>	8 S.
Keller Joseph Bell,	<i>Waynesboro,</i>	18 M.
Ralph Henry Bergstresser,	<i>Lykens,</i>	25 W.
Harry Benton Burkholder,	<i>Mercersburg,</i>	26 W.
Curtis Edward Cook,	<i>Harrisburg,</i>	8 W.
Edgar Allen Crouse,	<i>Littlestown,</i>	20 E.
*David Leslie Diehl,	<i>Upton,</i>	10 W.
*Jacob Diehl,	<i>Greencastle,</i>	8 W.
†May Belle Diehl,	<i>Gettysburg,</i>	26 W. Middle St.
*Frederick Smith Earnshaw,	<i>Gettysburg,</i>	214 Baltimore, St.
Paul William Eyster,	<i>York,</i>	38 E.
Maurice Heffley Floto	<i>Berlin,</i>	2 S.
Charles Sumner Gracey,	<i>Everett,</i>	35 S.
McClure Hamilton Haupt,	<i>Middletown, Md.,</i>	30 W.
Edward Buchanan Hay,	<i>Red Hook, N. Y.,</i>	23 S.
†Martha Belle Johns, 1	<i>Gettysburg,</i>	Steinwehr Ave.
Harold Steck Lewars,	<i>Gettysburg,</i>	4 Stevens St.
Ralph Phaon Lewars,	<i>Gettysburg,</i>	4 Stevens St.

*Scientific Course.

†Special Course

Frank Stoddard Lenker,	<i>Schuylkill Haven,</i>	3 S.
*Robert Willis Lenker,	<i>Schuylkill Haven,</i>	3 S.
Theodore Franklin McAllister,	<i>Gettysburg,</i>	16 High St.
William Perry McLaughlin,	<i>Mason and Dixon,</i>	8 S.
†Anna Dunlop McPherson	<i>Gettysburg,</i>	206 Carlisle St.
Paul Augustus Martin,	<i>Boys,</i>	15 and 17 S.
†Virginia O'Neal,	<i>Gettysburg,</i>	306 Baltimore St.
*Robert Harry Philson,	<i>Meyersdale,</i>	2 S.
Rose Emma Plank,	<i>Gettysburg,</i>	Buford Ave.
George Snively Rentz,	<i>Pottsville,</i>	23 E.
Herbert Adron Rinard,	<i>Rays Hill,</i>	26 S.
Stanley George Ruth,	<i>Pine Grove,</i>	10 S.
*Parker Albert Saylor,	<i>Somerset,</i>	14 W.
Charles Ross Shultz,	<i>Somerset,</i>	15 E.
Mary Cecilia Sieling,	<i>York,</i>	4 Stevens St.
Emory M. Slaybaugh,	<i>York Springs,</i>	35 S.
†Charles David Speer,	<i>Pittsburg,</i>	12 W.
David Sparks Weimer,	<i>Clearville,</i>	226 W. Middle St.
*Uriah Francis White,	<i>Manheim,</i>	Seminary.
*William Galbreath Woods,	<i>Johnstown,</i>	29 E.
Norman Ash Yeany,	<i>Shannondale,</i>	26 S.
Charles Theodore Yost,	<i>Cumberland, Md.,</i>	31 E.
Horace Aaron Yost,	<i>Cumberland, Md.,</i>	31 E.
*Howard Boylston Young,	<i>Middletown,</i>	19 S.
*Lewis Oscar Young,	<i>Middletown,</i>	19 S.

Freshmen 43.

*Scientific Course.

†Special Course.

PREPARATORY STUDENTS.

Mary Catherine Adams,	<i>Gettysburg,</i>	Seminary Ave.
David Easton Anderson,	<i>Buffalo, N. Y.,</i>	Harrisburg Road.
William Wallace Barkley,	<i>Imler,</i>	24 St.
Dorothy Elma Beamer,	<i>Granite Hill,</i>	Granite Hill.
Charles Emanuel Becker,	<i>Girardville,</i>	39 St.
Frederick Harry Bennett,	<i>Seven Stars,</i>	Seven Stars.
Harvey Bickel,	<i>Ottsville,</i>	23 St.
Philip Biclè, Jr.,	<i>Gettysburg,</i>	2 Campus.
Lloyd Klose Bingaman,	<i>Mifflinburg,</i>	45 St.
Adie Elmer Black,	<i>El Dorado,</i>	41 St.
Walter Scott Bonnell,	<i>Glen Gardner, N. J.,</i>	30 St.
Edward Stewart Bream,	<i>Gettysburg,</i>	Harrisburg Road.
Samuel Howard Davis,	<i>Ashland,</i>	29 St.
James Watson Diehl,	<i>Bedminster,</i>	23 St.
John Maclay Diehl,	<i>Cashtown,</i>	Cashtown.
Alice Dill,	<i>Gettysburg,</i>	10 W. Middle St.
Hypatia Diller,	<i>York Springs,</i>	338 Baltimore St.
William Butler Doty,	<i>Jefferson, Md.,</i>	19 M.
William Enniss,	<i>Burkittsville, Md.,</i>	43 St.
Bessie May Everhart,	<i>Gettysburg,</i>	103 Lincoln Ave.
Frank Cromwell Felton,	<i>Everett,</i>	24 St.
Curtis Fisher,	<i>Johnstown,</i>	16 S.
Paul Froelich,	<i>Harrisburg,</i>	46 St.
Charles Augustus Frommeyer,	<i>Bonneauville,</i>	Bonneauville.
Henry Rudolph Garlach,	<i>Gettysburg,</i>	44 Chambersburg St.
Lyman Abraham Guss,	<i>Patterson,</i>	40 St.
Anna Sara Hartman,	<i>Arendtsville,</i>	6 N. Washington St.
Sara Catharine Hartman,	<i>Arendtsville,</i>	210 Chambersburg St.
Robert Nicholas Hartzel,	<i>Hunterstown,</i>	Hunterstown.
George Gitt Hollinger,	<i>Abbottstown,</i>	29 St.
Beulah Floretta Horner,	<i>Harney, Md.,</i>	136 Carlisle St.
Carrie Edna Inglebirt,	<i>Gettysburg,</i>	Seminary Ave.

John H. Leber,	<i>Dallastown,</i>	44 St.
William Cornelius Lott,	<i>Mummasburg,</i>	Mummasburg.
Robert Clarence Mackley,	<i>Bonneauville,</i>	Bonneauville.
Frederick German Masters,	<i>Rockwood,</i>	41 St.
John Andrew Maught,	<i>Burkittsville, Md.,</i>	14 M.
Edward Keefer McCleaf,	<i>Fairfield,</i>	Fairfield.
Samuel McCullough,	<i>Green Mount,</i>	32 Breckenridge St.
Cleason Benjamin McIlhenny,	<i>Plainview,</i>	26 Stratton St.
Harry Howard McLaughlin,	<i>Mason and Dixon,</i>	30 St.
Clara Grace Meckley,	<i>Heidlersburg,</i>	335 Steinwehr Ave.
Carrie Edna Miller,	<i>Gettysburg,</i>	Bonneauville Road.
Norton Charles Miller,	<i>Gettysburg,</i>	19 York St.
Albert Kuhn Minnigh,	<i>Gettysburg,</i>	12 Baltimore St.
Albert Abraham Partner,	<i>Patterson,</i>	40 St.
George Washington Pearson,	<i>Oval,</i>	115 Carlisle St.
Edward Steward Plank,	<i>Gettysburg,</i>	27 St.
Edgar Nevin Rhodes,	<i>Fairplay,</i>	136 Carlisle St.
Arthur Edmund Rice,	<i>Brysonia,</i>	38 St.
Harry Randolph Rice,	<i>Brysonia,</i>	145 York St.
Sara Grace Rummel,	<i>Goldenville,</i>	1 E. Water St.
Goodell Sieber,	<i>Gettysburg,</i>	25 W. Middle St.
Hauer Hall Sharp,	<i>Lebanon,</i>	45 St.
David Lewis Snyder,	<i>Mifflintown,</i>	29 St.
Alice C. Stambaugh,	<i>York Springs,</i>	338 Baltimore St.
Frederick Charles J. Stemat,	<i>Baltimore, Md.,</i>	46 St.
Myrtle Mae Swope,	<i>Bonneauville,</i>	302 Baltimore St.
Ira Washington Trostle,	<i>Arendtsville,</i>	38 St.
Isaac Elmer Walter,	<i>Alga,</i>	Alga.
Ernest Samuel Wolf,	<i>Abbottstown,</i>	22 W. Middle St.
Norman Samuel Wolf,	<i>Abbottstown,</i>	22 W. Middle St.
Alfred Clyde Wolfe,	<i>Neale,</i>	28 St.
John Sedgwick Ziegler,	<i>Gettysburg,</i>	45 Chambersburg St.

Preparatorians 64.

SUMMARY.

Graduate Students (including non-residents),	3
Seniors,	39
Juniors,	52
Sophomores,	48
Freshmen,	43
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Collegiate Department,	182
Preparatorians,	64
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Total,	249

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 COMMENCEMENT, 1899.

HONORS, PRIZES AND DEGREES.

CLASS OF 1899.

FIRST HONOR :

Henry C. Roehner,	Green Ridge.
William E. E. Brown,	Upperco, Md.
Thomas J. Reisch,	Steelton.

SECOND HONOR :

Arthur S. Brumbaugh,	Roaring Spring.
Joseph N. K. Hickman,	Steelton.
William J. Klinefelter,	Glenville.
Steward W. Herman,	York.
Charles H. Smith,	Allegheny.
George N. Lauffer,	Apollo.
Charles Diehl,	Gettysburg.
Reuben O. Diehl,	Bedminster.
Anna R. Welty,	Gettysburg.
J. Wesley Weeter,	Curllsville.
John H. Beerits, (B. S.)	Somerset.
Harry J. Musselman,	Fairfield.

Harvey F. Deveney,	Seven Valley.
Jacob D. Snyder,	McKnightstown.

APPOINTMENTS:

Henry C. Roehner,	Valedictory.
William J. Klinefelter,	Latin Salutatory.

GRAEFF PRIZE IN ENGLISH:

Anna Rose Welty,	Gettysburg.
with honorable mention of	
Joseph H. Keller,	Yorkana.

CLASS OF 1900.

HASSLER MEDAL IN LATIN:

Luther A. Weigle,	Mechanicsburg.
with honorable mention of	
McClellan Stock,	Hanover.

REDDIG PRIZE IN ORATORY.

J. Frank Heilman,	Harrisburg.
with honorable mention of	
Otto E. Bregenzer,	Baltimore, Md.

CLASS OF 1901.

BAUM MATHEMATICAL PRIZE:

Palled B. Krout,	York.
David C. Burnite,	Harrisburg.
with honorable mention of	
Victor Frey,	York.
Joseph D. Krout,	York.
Wm. G. Leisenring,	Chambersburg.

CLASS OF 1902.

MUHLENBERG PRIZE IN GENERAL SCHOLARSHIP:

Edward C. Ruby,	Delroy.
with honorable mention of	
Clyde B. Weikert,	Woodsboro, Md.

GENERAL COMPETITION.
GIES PRIZES IN ENGLISH COMPOSITION :

FIRST PRIZE :

Luther A. Weigle, (1900), . . . Mechanicsburg.

SECOND PRIZE :

Anna R. Welty, (1899), . . . Gettysburg.

THIRD PRIZE :

W. H. Bruce Carney, (1899), . . . Belleville.

HONORARY DEGREES.

DOCTOR OF LAWS :

Professor John Marshall, M. D., . . . Philadelphia.

Professor S. Carson Wells, Ph. D., . . . Salem, Va.

Professor J. H. W. Stuckenberg, D. D., . . . Boston, Mass.

DOCTOR OF DIVINITY :

Rev. Elias D. Weigle, . . . Mechanicsburg.

Rev. Frank P. Manhart, . . . Baltimore, Md.

DOCTOR OF SCIENCE :

Professor John L. Kistler, . . . Hartwick Sem.

MASTER OF ARTS :

Rev. Samuel S. Stouffer, . . . Masontown.

Rev. Calvin F. Gephart, . . . Lavansville,

Samuel M. Sayford, . . . Newton, Mass.

MASTER OF SCIENCE :

Valentine H. Fager, . . . Harrisburg.

SUMMARY (EXCLUSIVE OF HONORARY DEGREES).

Bachelors of Arts, . . . 1,083

Bachelors of Science, . . . 48

Doctors of Philosophy (holding their
first degree from other Institutions), 7

Whole number of graduates, . . . 1,138

GRADUATES.

EXPLANATION.—The profession of the graduate is recorded when practicable. Where the degree of D. D., or other title is not a sufficient indication, the abbreviation *Cl.* after a name denotes a clergyman, *Miss.*, a foreign missionary, *Jour.*, a journalist. A teacher is designated by *Tea.*, though various positions are indicated by *Pres.*, *Prof.*, *Inst.*, *Supt.*, *Prin.* Those admitted to the bar are marked by *Law.*, except when the title *Judge*, which always means one learned in the law, shows the same fact. Dates after degrees show that the degrees then conferred were given by *this* College after examination upon the completion of a course of study. Important public service in state or nation is recorded when practicable. In many cases past rather than present relations are given. Where various offices have been held that which will best serve to identify the person is preferred. The asterisk with a date indicates the decease of the graduate within the given year.

1834.

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|---|--------|
| *Jacob B. Bacon, New York City, | *1896. |
| *David G. Barnitz, <i>Law.</i> , Newark, N. J., | *1877. |
| *William H. Smith, M. D., London, Eng. | * |

1835.

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| *David F. Bittle, D. D., <i>Pres. Roanoke C.</i> , Salem, Va., | *1876. |
| *Michael G. Dale, <i>Judge</i> , Edwardsville, Ill., | *1896. |
| *Ezra Keller, D. D., <i>Pres Witten. C.</i> , Springfield, O., | *1848. |
| *William Ruthrauff, Gettysburg, | *1847. |
| *Abraham B. Shuman, Philadelphia, | *1851. |
| *Alexander R. Stevenson, <i>Law.</i> , Gettysburg, | *1852. |
| *Charles F. Stœver, <i>Cl.</i> , Mechanicsburg, | *1880. |
| *Theophilus Stork, D. D., <i>Jour.</i> , Philadelphia., | *1874. |

1837.

- | | |
|---|--------|
| *George Diehl, D. D., Frederick, Md., | *1891. |
| *Emanuel Frey, <i>Cl.</i> , York, | *1871. |
| *James Macfarlane, Ph. D., <i>Law.</i> , Towanda, | *1885. |
| *Thomas Means, <i>Law.</i> , Centreville, Ind., | *1884. |

1838.

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|----------------------------------|--------|
| *James Crapster, Baltimore, Md., | *1843. |
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- *James R. Keiser, *Cl.*, Petersburg, Va., *187-.
 *F. A. M. Keller, *Cl.*, Reading, *1864.
 *John E. Naill, *Law.*, Jonesboro, Ill., *1875.
 *M. L. Stœver, Ph. D., LL. D., *Prof. Pa. C.*, Gettysburg, *1870.
 *Cyrus Waters, *Cl.*, Windsor, N. C., *1870.

1839.

- *Frederick R. Anspach, D. D., Baltimore, Md., *1867.
 *Chas. L. Baker, M. D., Lancaster, *1859.
 *Christopher C. Baughman, Philadelphia, *
 *David A. S. Eyster, San Jose, Cal., *1887.
 William F. Eyster, D. D., Crete, Neb.,
 J. Gœring Harris, *Cl.*, Bellefontaine, O.,
 *Charles A. Hay, D. D., *Prof. Theol.*, Gettysburg, *1893.
 *John Heck, *Cl.*, Smithsburg, Md., *1861.
 *William M. Heilig, *Cl.*, Lutherville, Md., *1888.
 *C. P. Krauth, D. D., LL. D., *Prof. Univ. Pa.*, and *Mt.*
Airy Theol. S., Philadelphia., *1883.
 *John George Leas, Gettysburg, *1841.
 *James L. Shock, D. D., New York City, *1865.
 *W. Wadsworth, *Cl.*, Wooster, O., *1843.
 *Philip Willard, *Cl.*, *Supt. Tressler Orphan Home*, Mexico, *1893.

1840.

- *Gottlieb Bassler, *Cl.*, Zelienople, *1868.
 Jas. A. Brown, D. D., Wytheville, Va.
 *Hugh D. Downey, *Law.*, Iowa City, Ia., *1867.
 David A. Martin, Baltimore, Md.
 *Eli Swartz, *Cl.*, De Soto, Ill., *1892.
 *Columbus Witherow, M. D., Manderville, Mo., *1891.

1841.

- J. William Albach, St. Louis, Mo.
 *Henry Baker, D. D., Lancaster, *1894.
 *Nathan H. Cornell, *Cl.*, Philadelphia, *1896.
 *J. George Donmeyer, *Cl.*, Buena Vista, Ill., *1887.
 William Gerhardt, D. D., Martinsburg, W. Va.
 *William B. McClellan, *Law.*, Gettysburg, *1863.
 *Ephraim Miller, D. D., Punxsutawney, *1899.
 *Jacob Scherer, *Cl.*, Hillsboro', Ill., *1851.
 William Weaver, *Cl.*, Philadelphia.
 *Charles Witmer, *Cl.*, Des Moines, Ia., *1884.
 *Henry Ziegler, D. D., *Prof. Theol.*, Selinsgrove, *1898.

1842.

- *Fred. A. Barnitz, *Cl.*, Middletown, *1889.
 Edward Breidenbaugh, *Cl.*, Gettysburg.
 *Jas. A. Brown, D. D., LL. D., *Prof. Theol., Gett. S.*,
 Lancaster, *1882.
 *Adam R. Height, *Cl.*, Macon, Ill., *1899.
 *Aaron J. Karn, *Cl.*, Savannah, Ga., *1860.
 *John Kohler, D. D., Leacock, *1898.
 *Geo. W. McMillan, *Cl.*, *Miss. to India*, Perth Amboy, N. J., *1885.
 *George Parson, D. D., Sunbury, *1897.
 *M. Frederick Pfahler, *Cl.*, Deal, *1890.
 J. P. Benjamin Sadtler, D. D., *Pres. Muhl. C.*, Baltimore, Md.,
 *Peter G. Sauerwein, *Law.*, Mt. Washington, Md., *1886.
 *Martin Sondhaus, *Cl.*, St. Louis, Mo., *1878.
 *Adam J. Weddel, D. D., Norristown, *1896.

1843.

- *Daniel H. Bittle, D. D., Savannah, Ga., *1874.
 *David A. Buehler, *Law.*, *Jour.*, Gettysburg, *1887.
 *John E. Graeff, Philadelphia, *1898.
 *William H. Harrison, D. D., Cincinnati, O., *1866.
 *Charles Horner, M. D., Gettysburg, *1895.
 *Lloyd Knight, *Cl.*, Yutan, Neb., *1895.
 *Wm. A. Kopp, *Cl.*, Water Cure, *1868.
 W. M. Paxton, D. D., LL. D., *Prof. Theol.*, Princeton, N. J.,
 *John Reidenour, M. D., Lebanon, *1850.
 *John Rugan, *Cl.*, Vandalia, Ill., *1870.
 *Alfred H. Smith, *Law.*, Chambersburg, *1855.

1844.

- Peter Anstadt, D. D., *Jour. and Pub.*, York,
 *Oscar F. Baugher, *Law.*, Brooklyn, N. Y., *1893.
 *Joseph B. Bittinger, D. D., Sewickley, *1885.
 *Joseph P. Clarkson, *Law.*, Chicago, Ill., *1877.
 *Robert H. Clarkson, D. D., LL. D., *Bish. P. E. Ch.*,
 Omaha, Neb., *1884.
 *Thomas W. Corbet, *Cl.*, Herring, O., *1895.
 *Michael Diehl, D. D., *Prof. Wittenb. C.*, Springfield, O., *1869.
 Henry J. Fahnestock, Watertown, S. Dakota.
 *John M. McFarland, Charlestown, W. Va., *1856.
 John T. Morris, *Law.*, Baltimore, Md.
 George A. Nixdorff, *Cl.*, Frederick, Md.
 *Beale M. Schmucker, D. D., Pottstown, *1888.

1845.

- *John W. Miller, *Cl.*, Graham Station, W. Va., *1891.
 *Matthias Miller, *Law.*, Winchester, Va., *
 Sylvanus Shimer, *Law.*, Philadelphia.
 *Jesse W. Stocker, M. D., Jefferson Co., W. Va., *1877.

1846.

- Wm. M. Baum, D. D., Philadelphia.
 Charles A. Brougher, *Sec. State of Miss.*, Jackson, Miss.
 *J. Marshall Clement, *H. R. of N. C.*, Mocksville, N. C., *1886.
 *Henry C. Eckert, M. D., Hanover, *1867.
 *Hezekiah R. Geiger, Ph. D., *Cl., Prof. in Wittenb. C.*,
 Springfield, O., *1899.
 *John E. Herbst, M. D., Kansas City, Mo., *1898.
 *John Alonzo Houck, Gettysburg, *1849.
 *William A. Huber, M. D., Lebanon, *1889.
 Charles A. Keyser, Philadelphia.
 *George J. Martz, *Cl., Miss. to India*, Lebanon, *1898.
 *William A. Renshaw, Littlestown, *1847.
 *Josiah P. Smeltzer, D. D., *Pres. Newb. C.*, Walhalla, S. C., *1887.
 William H. Stevenson, *Law.*, Baltimore, Md.
 *Augustus C. Wedekind, D. D., National City, Cal., *1897.

1847.

- Luther E. Albert, D. D., Germantown.
 Martin M. Bachtel, *Cl.*, Somerset.
 John A. Bradshaw, *Law.*, New York City.
 *Frederick W. Brauns, *Cl.*, Buffalo, N. Y., *1895.
 Abraham Essick, *Cl.*, Ellsworth, Kan.
 *David J. Eyler, *Cl.*, Waynesboro', *1860.
 Edward G. Fahnestock, M. D., Minneapolis, Minn.
 *Reuben A. Fink, D. D., Johnstown, *1895.
 *Jacob H. Heck, *Cl.*, Knowersville, N. Y., *1886.
 *Henry Jacobs, M. D., Waynesboro', *1857.
 Moses W. Merryman, M. D., Baltimore, Md.
 *William H. Morris, *Tea.*, Sweet Air, Md., *
 *John K. Plitt, *Cl.*, Philadelphia, *1898.
 *Mark Posey, *Cl.*, Selma, Ala., *1857.
 *Peter Raby, *Cl.*, Kimberton, *1884.
 *Philip Sheeder, *Cl.*, Gettysburg, *1896.
 William H. Witherow, *Prin.*, Winnsboro', S. C.

1848.

- *George B. Alston, *Law.*, Warrenton, N. C., *1894.
 *David W. Badham, *Law.*, Edenton, N. C., *1857.

- *Henry M. Bickel, D. D., Philadelphia, *1893.
- *Peter Born, D. D., *Prof. Theol.*, Selinsgrove, *1899.
- *Victor L. Conrad, Ph. D., D. D., *Jour.*, Philadelphia, *1900.
- Levi W. Folsom, *Law.*, Taylor's Falls, Minn.
- Aaron W. Lilly, D. D., Mechanicsburg.
- *George C. Maund, *Law., Sen. Md.*, Baltimore, Md., *1884.
- *Edward McPherson, LL. D., *M. C., Clerk U. S. H. R., Jour.*,
Gettysburg, *1895.
- *J. Keller Miller, *Cl.*, Centre Hall, *1887.
- *Edmund Miller, *Cl., Tea.*, Dixon, Ill., *1888.
- *William D. Roedel, *Cl., Prin. F. Sem.*, Wytheville, Va., *1865.
- *John A. Tressler, *Law., Prof. Cap. Hill Univ.*, Columbus, O., *1851.

1849.

- *John C. Badham, *Law.*, Edenton, N. C., *1861.
- *John H. Cupp, *Cl.*, Front Royal, Va., *1884.
- *W. Kent Gilbert, M. D., Philadelphia, *1880.
- *Elias S. Henry, *Cl.*, Pine Grove, *1897.
- *Henry S. Koons, *Cl.*, Hanover, *1869.
- Graft M. Pile, *Cl.*, De Soto, Mo.
- *Abel Rambo, Ph. D., *Tea.*, Trappe, *1887.
- *John E. Smith, *Judge*, Westminster, Md., *1890.
- *John N. Unruh, *Cl.*, Hooversville, *1888.
- S. Carson Wells, Ph. D., LL. D., *Prof. Roanoke C.*, Salem, Va.

1850.

- *George W. Anderson, *Cl.*, Melrose, N. Y., *1888.
- *Daniel J. Barrick, Washington, D. C., *1895.
- John F. Baugher, *Law., Tea.*, Baltimore, Md.
- Wm. J. T. Carroll, Ph. D., *Tea.*, Norfolk, Va.
- James F. Crocker, *Judge of Hustings Ct.*, Portsmouth, Va.
- *John M. Eichelberger, *Law.*, St. Louis, Mo., *1854.
- *Charles J. Ehrehart, *Prin. Prep. Pa. C.*, Gettysburg, *1870.
- *Daniel Garver, *Cl.*, Greensburg, *1865.
- *William F. Greaver, *Cl.*, Williamsport, Md., *1857.
- *Robert G. Harper, Jr., *Tea.*, Dayton, Md., *1867.
- *Samuel O. Kæmpfer, M. D., *Cl.*, Trivoli, Ill., *
- *J. Keller Kost, *Cl.*, Island Lake, Fla., *1897.
- *Cornelius Nitteraur, *Cl.*, Blairsville, *1861.
- *Henry Reck, *Cl., Prof. August. C.*, Rock Island, Ill., *1881.
- *David Stroh, *Tea.*, Shippensburg, *1860.
- M. Valentine, D. D., LL. D., *Prof. Theol.*, Gettysburg.
- *Daniel Worley, *Cl., Prof., H. R. of O.*, Canton, Ohio, *1888.
- *Samuel Yingling, *Cl.*, Columbia, *1884.

1851.

Louis J. Bell, <i>Cl.</i> , Smithsburg, Md.	
*W. A. Castleman, M. D., Williamsburg, Can.,	*1868.
*John S. Crumbaugh, <i>Cl.</i> , Lancaster,	*1859.
*George Eyster, <i>Law.</i> , <i>Asst. Treas. U. S.</i> , Philadelphia,	*1886.
*William G. George, <i>Law.</i> , South Bend, Ind.,	*1890.
*Chas. H. Hersh, <i>Cl.</i> , Baltimore, Md.,	*1859.
Jacob Lefevre, D. D., Baltimore, Md.,	
*Edward Minturn, M. D., Philadelphia,	*1858.
Edward A. Sharretts, D. D., Fowlersville.	
Isaac Sprecher, <i>Cl.</i> , <i>Prof. Wittenb. C.</i> , Clearspring, Md.	
*Theodore A. Stecher, Philadelphia,	*1880.
*David Swope, <i>Cl.</i> , Centreville,	*1881.
*Allen Traver, <i>Cl.</i> , Junius, N. Y.,	*1889.
*David Wills, <i>Judge</i> , Gettysburg,	*1894.

1852.

Henry A. Grim, M. D., Allentown.	
*Reuben Hill, D. D., Philadelphia,	*1895.
John W. Hassler, <i>Cl.</i> , Lancaster.	
*John W. Kregelo, <i>Cl.</i> , Uniontown, Md.,	*1854.
John J. Scherer, D. D., <i>Pres. F. C.</i> , Marion, Va.,	
*George H. Spang, <i>Law.</i> , <i>H. R. of Pa.</i> , Hollidaysburg,	*1897.
*Peter R. Wagenseller, M. D., Selinsgrove,	*1873.

1853.

*A Nesbit Baugher, <i>Law.</i> , <i>Jour.</i> , Galena, Ill.,	*1862.
Peter Bergstresser, D. D., Rockwood.	
Ferdinand Berkemeyer, <i>Cl.</i> , Sellersville.	
*Christopher Fine, <i>Law.</i> , New York City,	*1899.
*P. D. W. Hankey, <i>Tea.</i> , Gettysburg,	*1900.
*Isaac B. Hankey, Ph. D., <i>Tea.</i> , Cridersville,	*1881.
*Levi K. Hoch, Middletown, Md.,	*1874.
*Thomas W. Kemp, <i>Cl.</i> , Baltimore, Md.,	*1861.
Daniel S. Riddle, <i>Law.</i> , New York City.	
John Schwartz, <i>Tea.</i> , White Hall.	
*Benj. C. Suesserott, <i>Cl.</i> , <i>Prof. Ill. State Univ.</i> , Lancaster,	*1876.
*Timothy T. Titus, <i>Cl.</i> , Hartwick, N. Y.,	*1873.
William F. Ulery, <i>Cl.</i> , Greensburg.	
Asa H. Waters, <i>Cl.</i> , Jumonville.	

1854.

*Legh R. Baugher, <i>Prin.</i> , Indianapolis, Ind.,	*1899.
Amos Copenhaver, <i>Cl.</i> , Abilene, Kan.	

Lewis Hippee, *Cl.*, Greenville.

*Adam Long, *Cl.*, *Miss.*, Rajahmundry, India, *1866.

John T. Ross, Philadelphia.

*Ezra Shieldknecht, *Tea.*, Funkstown, Md., *1889.

George W. Schmucker, Philadelphia.

James M. Schreckhise, *Cl.*, Moffat's Creek, Va.

*Daniel J. Tritle, Gettysburg, *1871.

Erias Unangst, D. D., *Miss. to India*, Hollidaysburg.

Jacob F. Wampole, *Cl.*, Shamokin.

Josiah Zimmerman, *Cl.*, Lincoln, Neb.

1855.

*Jno. I. Burrell, *Cl.*, Brooklyn, N. Y., *1877.

*Luther H. Croll, Sc. D., *Prof. Pa. C.*, Gettysburg, *1889.

*J. Frazier, *Cl.*, Portland, Ind., *1885.

Samuel A. Holman, D. D., Philadelphia.

Eli Huber, D. D., *Prof. Pa. C.*, Gettysburg.

John A. Kunkelman, D. D., Atlantic City, N. J.

*Wm. F. Paxton, D. D., *Pres. Eld. M. E. Ch.*, Waterloo, Ia., *1895.

Jacob Rinehart, M. D., *Speak. H. R. of Md.*, Frizzleburg, Md.

*James W. Shuey, M. D., Sherman, Texas, *1882.

*Joseph R. Titzel, *Prof. Thiel C.*, Greenville, *1898.

1856.

Samuel Aughey, Ph. D., LL. D., *Cl.*, *Prof. Neb. Univ.*,
Lineville, Ala.,

*John S. Cutter, *Law.*, New York City, *1863.

*T. W. Dosh, D. D., *Prof. Theol. Roanoke C.*, Burkittsville,
Md., *1889.

*Webster Eichelberger, *Cl.*, Smithville, W. Va., *1886.

Samuel M. Firey, *Cl.*, Roanoke, Va.

*William Hay, *Law.*, York, *1883.

*Adam Hoy, *Judge*, Bellefonte, *1887.

*Rev. Benjamin E. Kramlich, *Cl.*, Kutztown, *1900.

*Henry W. Kuhns, D. D., Omaha, Neb., *1899.

George W. Leisher, *Cl.*, Boalsburg.

*George A. Long, *Cl.*, Mt. Sidney, W. Va., *189-

*Daniel E. L. Mehring, Taneytown, Md., *1856.

Daniel R. Miller, Pine Grove.

*C. Philip Muhlenberg, *Law.*, Reading, *1872.

*J. Cassat Neely, *Law.*, Gettysburg, *1874.

*Wm. M. Reiley, Ph. D., *Cl.*, *Prin. F. C.*, Allentown, *1892.

John W. Schwartz, D. D., Worthington.

Edward H. M. Sell, M. D., New York City.

- *Robert L. Sibbet, M. D., Carlisle, *1898.
 William M. Weidman, M. D., Reading.
 Jacob Weidman, *Cl.*, Clifton Heights.
 Benj. D. Zweizig, *Cl.*, Reading.

1857.

- *H. Louis Baugher, D. D., *Prof. Pa. C.*, Gettysburg. *1899.
 Louis A. Biklé, D. D., King's Mountain, N. C.
 Jonathan R. Dimm, D. D., *Prof. Susq. Univ.*, Selinsgrove.
 John W. Early, *Cl.*, Reading.
 John A. Earnest, D. D., Mifflinburg.
 Henry R. Fleck, *Cl.*, New Kingston.
 David M. Gilbert, D. D., Harrisburg.
 Luther A. Gotwald, D. D., *Prof. Theol. Wittenb. C.*, Springfield, O.
 *Cyrus S. Hoffa, *Cl.*, Myerstown, *1865.
 *Joseph M. Hughes, Dublin, Ind., *1891.
 Cor. L. Keedy, M. D., *Cl.*, *Pres. Kee Mar C.*, Hagerstown, Md.
 *W. Hamilton Myers, *Law.*, Hanover, *1892.
 George F. Schaeffer, *Cl.*, Monroe, Ga.
 *Christian D. Ulery, *Cl.*, Lionville, *1862.
 *Calvin S. Walker, *Tea.*, Paradise, *1865.
 George J. Weaver, Gettysburg.

1858.

- *David M. Armor, Pittsburg, *1881.
 *Solomon J. Berlin, *Cl.*, Tremont, *1868.
 *Thomas B. Burrowes, U. S. A., Chicago, Ill., *1885.
 A. R. Horne, D. D., *Jour.*, Allentown.
 Elias S. Johnston, *Cl.*, Elk Lick.
 Jacob B. Kershner, *Cl.*, Emmittsburg, Md.
 *Edward J. Koons, *Cl.*, Pottsville, *1890.
 *Jonathan H. Kreitzer, *Tea.*, Columbus, Tex., *1864.
 John Q. McAtee, *Cl.*, Philadelphia.
 Victor Miller, *Cl.*, Leitersburg, Md.
 *Jacob B. Rath, *Cl.*, Bethlehem, *1885.

1859.

- *Daniel J. Benner, Washington, D. C., *1885.
 *T. B. Blauvelt, Saddle River, N. J., *1859.
 George M. Brinkerhoff, *Law.*, Springfield, Ill.
 *John W. Ebert, *Cl.*, Fairfield, Ia., *1867.
 William R. Eyster, *Law.*, Barnes, Kan.
 John G. Goettman, D. D., Allegheny City.

- *Abram L. Guss, *Jour.*, Washington, D. C., *1887.
 Theophilus Heilig, *Cl.*, Stroudsburg.
 *William Kechler, *Cl.*, *Prin.*, Fayetteville, *1885.
 *Ferdinand C. H. Lampe, *Cl.*, Williamsport, *1884.
 *James H. Moore, Carlisle, *1881.
 *Thaddeus S. Warren, *Tea.*, Washington, D. C., *1868.
 Arthur J. Weise, *Jour.*, Troy, N. Y.
 *Franklin B. Wolf, *Cl.*, Rebersburg, *1885.

1860.

- Benjamin F. Apple, *Cl.*, Stroudsburg.
 William H. Dill, *Cl.*, Philadelphia.
 Josiah B. Fox, *Cl.*, Slatington.
 *Washington V. Gotwald, *Cl.*, Lancaster, *1869.
 Johnson R. Groff, *Cl.*, Doylestown.
 *Abraham H. Groh, *Cl.*, Myerstown, *1866.
 Reuben M. Keedy, Sharpsburg, Md.
 *Alexander A. Lechliden, Hagerstown, Md., *1898.
 Hans J. H. Lemcke, *Cl.*, Franklin.
 *John F. McCreary, *Prin. Nor. School*, Shippensburg, *1891.
 *William Reed, Lairdsville, *1860.
 John M. Rice, *Cl.*, Stroudsburg.
 *M. H. Richards, D. D., *Prof. Muhl. C.*, Allentown, *1898.
 Charles H. Schaeffer, *Law.*, Reading.
 *D. L. Tressler, Ph. D., *Cl.*, *Pres. Carth. C.*, Carthage, Ill., *1880.
 J. Warren Tryon, Reading.
 James Q. Waters, *Cl.*, Saegerstown.
 Jacob B. Weidle, *Law.*, *Jour.*, Reading.
 Robert Weidensall, *Gen. Sec. Y. M. C. A.*, Chicago, Ill.

1861.

- I. Calvert Burke, *Cl.*, Baltimore, Md.
 Joshua Cowpland, *Cl.*, Concordville.
 Leonard Groh, *Cl.*, Omaha, Neb.
 Jacob C. Hankey, Arlington, N. J.
 John P. Hentz, *Cl.*, Dayton, O.
 H. C. Holloway, D. D., Bellefonte.
 Mahlon C. Horine, D. D., Reading.
 *Jeremiah W. Hoy, M. D., Bloomville, O., *1892.
 Charles E. Humphrey, M. D., Bethlehem.
 *Andrew T. Kistler, Loysville.
 J. H. A. Kitzmiller, *Cl.*, Pittsburg.
 Christopher W. Knauff, *Cl.*, Bordentown, N. J.
 *Charles E. Murray, D. D., Philadelphia, *1899.

Henry Plowman, Chicago, Ill.

J. B. Remensnyder, D. D., New York City.

*T. Duncan Renfrew, Fayetteville, *1892.

Henry W. Roth, D. D., *Prof.*, Greenville.

M. Luther Ruthrauff, Macon, Ga.

*Abel Thompson, *Cl.*, Ursina, *1881.

John C. Uhler, Philadelphia.

J. Howard Wert, *Prin.*, Harrisburg.

*John R. Williams, *Cl.*, Chicora, *1897.

1862.

Frank E. Beltzhoover, *Law., M. C.*, Carlisle.

*John W. Croll, York, *1862.

Martin L. Culler, *Cl.*, Bedford.

*Albert Ebeling, *Cl.*, Washington, D. C., *1865.

Samuel A. K. Francis, *Cl.*, Philadelphia.

H. E. Jacobs, D. D., LL. D., *Prof. Theol. Mt. Airy*, Philadelphia.

*Henry H. Keedy, *Law.*, Hagerstown, Md., *1893.

Jacob B. Keller, *Cl.*, Minersville.

Duncan M. Kemmerer, *Cl.*, Carrollton, O.

Frederick Klinefelter, *Cl.*, York.

*Charles V. S. Levy, *Law.*, Frederick, Md., *1895.

*Alexander M. Miller, M. D., Johnstown, *1877.

John T. L. Sahn, *Law.*, Wilkesbarre.

Jonathan Sarver, D. D., New Stanton.

*Augustus D. Schæffer, *Law.*, Westminster, Md., *1877.

Claudius G. Treichler, M. D., Honeybrook.

Rufus B. Weaver, M. D., *Prof. Hahn. Med. C.*, Philadelphia.

*Mason Weidman, *Judge*, Pottsville, *1897.

1863.

*Joseph P. Blymyer, Harrisburg, *1885.

Michael Colver, *Cl.*, Lanark, Ill.

Rufus E. Culp, Gettysburg.

John C. Dizinger, *Cl.*, Camden, N. J.

*F. Adam Fair, *Cl.*, Agency City, Ia., *1865.

*Orlando L. Fegley, M. D., Allentown, *1900.

George W. Frederick, *Cl., Jour.*, Philadelphia.

*Samuel E. Furst, *Cl.*, Schellsburg, *1894.

*Davis Garver, Ph. D., *Prof. Muhl. C.*, Allentown, *1896.

S. A. Hedges, *Cl.*, Jefferson, Md.

Luther D. Jacobs, M. D., Emporia, Kan.

Eugene L. Rowe, *Law.*, Emmitsburg, Md.

Samuel D. Schmucker, LL. D., *Judge*, Baltimore, Md.

J. Lawson Smith, D. D., Pittsburg.
 William H. Steck, *Cl.*, Coatesville.
 Edmund J. Wolf, D. D., *Prof. Theol.*, Gettysburg.

1864.

George M. Beltzhoover, *Law., H. R., of W. Va.*, Shepherds-
 town, W. Va.

John J. Cressman, *Cl.*, Kutztown.

Philip Doerr, *Cl.*, Adamsburg.

*Charles A. Heilig, Lutherville, Md., *1870.

J. Clinton Hill, *Law.*, Williamsport.

*John M. Krauth, *Law., Jour.*, Gettysburg, *1890.

Edmund W. Meisenhelder, M. D., York.

*Francis Muhlenberg, M. D., Philadelphia, *1894.

Thomas C. Pritchard, *Cl.*, Phillipsburg, N. J.

Frank Richards, D. D., Zanesville, Ohio.

Theodore L. Seip, D. D., *Pres. Muhl. C.*, Allentown.

Jacob D. Shindle, *Cl.*, Allentown.

Horatio J. Watkins, *Cl.*, Lockport, N. Y.

1865.

Thos. C. Billheimer, D. D., *Prof. Theol.*, Gettysburg.

Matthew G. Boyer, D. D., West Sandlake, N. Y.

Constantine J. Erdman, *Law., M. C.*, Allentown.

Zenas Henry Gable, *Cl.*, Reading.

Samuel S. Henry, Smallwood, Md.

*Joseph Hillpot, Allentown, *1896.

Jesse C. Koller, D. D., Hanover.

Jacob A. Krumrine, M. D., Irvington, Ind.

H. W. McKnight, D. D., LL. D., *Pres. Pa. C.*, Gettysburg.

Samuel F. Rathvon, Denver, Col.

*Wm. M. Rightmyer, *Law.*, Reading, *1888.

John M. Young, *Law.*, Williamsport.

Edward Danner Ziegler, *Law., M. C.*, York.

1866.

J. Artley Beeber, *Law.*, Williamsport.

Philip M. Bikelé, Ph. D., *Cl., Prof. Pa. C.*, Gettysburg.

Herman S. Cook, *Cl.*, Hanover.

William H. Gotwald, D. D., Washington, D. C.

Charles C. Hengerer, Buffalo, N. Y.

Andrew J. Riley, *Law.*, Altoona.

Thomas W. Saeger, Allentown.

William C. Schaeffer, D. D., Savannah, Ga.

*Henry L. Ziegenfuss, D. D., Poughkeepsie, N. Y.

*1894.

1867.

Charles S. Albert, D. D., *Jour.*, Philadelphia.

*John G. Blyholder, Philadelphia,

*1868.

J. Hay Brown, *Justice Supr. Ct. of Pa.*, Lancaster.

Charles J. Cooper, D. D., Allentown.

Jacob R. Custer, *Law.*, Chicago, Ill.

Robert J. Fisher, *Law., Pat. Off.*, Washington, D. C.

T. Frank Garver, *Law.*, Salina, Kan.

*Hart Gilbert, *Tea.*, Gettysburg,

*1898.

M. William Jacobs, *Law.*, Harrisburg.

*Daniel K. Kepner, *Cl.*, Pottstown,

*1897.

William E. Parson, D. D., Washington, D. C.

S. P. Sadtler, Ph. D., *Prof. Sch. of Phar.*, Philadelphia.

Prince H. Schaeffer, Philadelphia.

*Benaiah C. Snyder, *Cl.*, Allentown,

*1883.

Jacob J. Weaver, M. D., Uniontown, Md.

1868.

E. S. Breidenbaugh, Sc. D., *Prof. Pa. C.*, Gettysburg.

Augustus J. Erdman, *Law.*, Macungie.

Preston K. Erdman, *Law.*, Philadelphia.

George S. Eyster, B. S. (1874), Ph. D. (1882), *Chem.*, Boston,
Mass.

A. Stewart Hartman, D. D., *Sec. B. H. M.*, Baltimore, Md.

John W. Hay, M. D., Harrisburg.

*Lee M. Heilman, D. D., Harrisburg,

*1897.

*William F. Hill, Gettysburg,

*1894.

Robert F. McClean, *Cl.*, Dauphin.

David L. Mackenzie, *Cl.*, Lykens.

Jacob Rhone, *Law.*, State College.

James W. Richard, D. D., *Prof. Theol.*, Gettysburg.

William C. Stœver, *Law.*, Philadelphia.

1869.

Horace Alleman, *Law.*, Selinsgrove.

Thomas R. Beeber, D. D., Norristown.

John J. Brinkerhoff, *Law.*, Springfield, Ill.

Jacob A. Clutz, D. D., *Pres. of Mid. C.*, Atchison, Kan.

Josiah F. Cressler, *Cl.*, Rising City, Neb.

*Frederick R. Feitshans, *Supt.*, Springfield, Ill.,

*1886.

John W. Finkbiner, D. D., Colorado Springs, Col.

Jacob M. Gross, M. D., Dover.

*William S. Heindel, *Cl.*, Gettysburg,

M. Luther Heisler, *Cl.* Harrisburg.

Edward T. Horn, D. D., Reading.

James W. Humrichouse, M. D., Hagerstown, Md.

*Jacob Neff, *Cl.*, Spring City,

*1896.

Augustus Shultes, Berne, N. Y.

Joseph A. Tomlinson, *Cl.*, Philadelphia.

*Luther G. Wile, Philadelphia,

*1880.

1870.

W. Hamilton Bayly, *Law.*, *Pen. Off.*, Washington D. C.

David W. Cassat, *Cl.*, Hazelton, Ia.

Abraham G. Fastnacht, *Cl.*, York.

J. Calvin Felty, M. D., Trenton, N. J.

John T. Gladhill, *Cl.*, Conshohocken.

*Benj. J. Hickman, Bolington, Va.,

*1871.

John L. Hill, Jr., *Law.*, Gettysburg.

John A. Himes, Litt. D., *Prof. Pa. C.* Gettysburg.

John L. Kendlehart, *Law.*, Gettysburg.

John L. Kraber, *Law.*, High Point, N. C.

William A. List, Wheeling, W. Va.

Edmund Manges, *Cl.*, York.

Frank W. Mehaffey, *Law.*, Chambersburg.

M. Reed Minnich, *Cl.*, Philadelphia.

Frederick M. Ott, *Law.*, Harrisburg.

John M. Radebaugh, M. D., Pasadena, Cal.

John M. Reimensnyder, D. D., Milton.

Thomas J. Stahle, *Jour.*, Gettysburg.

1871.

E. F. Bartholomew, D. D., *Prof. August. C.*, Rock Island, Ill.

Samuel E. Busser, *Cl.*, Emporia, Kan.

J. Samuel Detweiler, D. D., Kansas City, Mo.

William H. Dunbar, D. D., Baltimore, Md.

M. J. Allen Emory, *Law.*, New York City.

David Z. Foulk, *Cl.*, Grand Island, Neb

Philip M. Graff, Duluth, Minn.

Charles E. Hay, D. D., Philadelphia.

*William H. Kain, *Law.*, York,

1883.

Augustus J. B. Kast, *Cl.*, Shippenville.

Robert H. Kline, *Cl.*, Allentown.

*Frederick G. Knapp, Martin's Ferry, O.,

*1873.

David T. Koser, *Cl.*, Arendtsville.

Benjamin Kurtz, *Law.*, Baltimore, Md.

*Walter H. Lilly, *Cl.*, Van Wert, O.,

*1892.

George Michael, *Cl.*, Detroit, Minn.

Samuel Palmer, *Cl.*, Lawrence, Kansas.

J. McPherson Scott, M. D., Hagerstown, Md.

Henry A. Smeltz, Bay View, Fla.

George D. Stahley, M. D., *Prof. Pa. C.*, Gettysburg.

John Wagner, D. D., Hazelton.

Samuel A. Weikert, *Cl.*, Paterson, N. J.

Charles M. Wolff, *Law.*, Hanover.

1872.

George N. Acker, M. D., Washington, D. C.

*J. Croll Baum, *Cl.*, Philadelphia,

*1886.

C. Ament Blose, Hay.

John Brubaker, *Cl.*, York Springs.

Benjamin B. Collins, *Cl.*, Meyersdale.

Isaiah B. Crist, *Cl.*, Hughesville.

*Harrison S. Culp, *Tea.*, McAllisterville,

*1875.

Samuel A. Deihl, *Cl.*, Westminster, Md.

Anthony K. Felton, *Cl.*, Lucas, O.

William E. Fisher, D. D., Shamokin.

George W. Fortney, *Cl.*, Turbotville.

*John W. Friday, *Cl.*, Harper's Ferry, W. Va.,

*1877.

*John E. Gilbert, M. D., Gettysburg,

*1882.

*Christian Hoover, Smithsburg, Md.,

*1873.

John L. Kistler, Sc. D., *Cl.*, *Prof.*, Hartwick Seminary, N. Y.

J. Alfred Koser, *Cl.*, Sioux City, Ia.

John H. H. Leeser, *Cl.*, Reading.

Daniel M. Moser, *Cl.*, Schuylkill Haven.

*Legh R. Myers, *Law.*, Bethlehem,

*1895.

Ferdinand W. E. Peschau, D. D., Miamisburg, O.

John W. Poffinberger, *Cl.*, Vandergrift.

William K. T. Sahm, M. D., Pittsburg.

Sylvanus Stall, D. D., *Jour.*, Philadelphia.

Samuel McC. Swope, *Judge*, Gettysburg.

John N. Zimmer, *Cl.*, Benson, Neb.

1873.

Neander N. Cronholm, Ph. D., *Law.*, Chicago, Ill.

William S. Freas, D. D., Baltimore, Md.

*Silas W. Gossler, *Cl.*, Philadelphia,

*1880.

Philip Graif, D. D., Lewiston, Me.

Joseph F. Hartman, D. D., Lafayette Hill.

- *Daniel M. Lamotte, *Cl.*, Woodsboro, Md., *1885.
 Edwin H. Leisenring, *Cl.*, Chambersburg.
 Lemuel L. Sieber, D. D., *Evan.*, Gettysburg.
 John A. Singmaster, D. D., Allentown.
 William R. Snyder, Muncie, Ind.
 Chester H. Traver, *Cl.*, Churchtown, N. Y.
 *George F. Unger, Danville, *1874.
 Francis H. Weaver, *Chap. U. S. A. (Ret.)*, Newry.
 Theodore J. Yost, *Cl.*, Cumberland, Md.
 Jeremiah Zimmerman, D. D., Syracuse, N. Y.

1874.

- Charles Baum, M. D., Ph. D., Philadelphia.
 T. Dimmer Beeber, *Judge Super. Ct. of Pa.*, Philadelphia.
 *James L. A. Burrell, M. D., Williamsport, *1891.
 Luther E. Burrell, *H. R. of Pa.*, Cincinnati, O.
 Clement Dale, *Law.*, Bellefonte.
 Alfred A. Dale, *Law.*, Bellefonte.
 A. Seiss Downing, *Tea.*, Albany, N. Y.
 John H. Ehrehart, New York City.
 *Philip T. Ehrehart, New Chester, *1877.
 John B. Focht, D. D., Selinsgrove.
 Henry Wm. Harter, *Law.*, Canton, O.
 Milton B. Hartzell, M. D., Philadelphia.
 James Wm. Kendlehart, Gettysburg.
 William S. T. Metzger, *Cl.*, Thurmont, Md.
 Wilson L. Remsburg, *Cl.*, Myersville, Md.
 Melanchthon C. T. Sahn, *Cl.*, New Millport.
 Frederick W. Staley, *Cl.*, Middletown.
 Charles M. Stock, D. D., Hanover.
 Charles A. Suesserott, *Law.*, Chambersburg.
 George E. Titus, M. D., Hightstown, N. J.
 John A. Wirt, D. D., Des Moines, Ia.
 Joseph B. Wolff, *Cl.*, Glen Rock.

BACHELOR OF SCIENCE.

- Edgar F. Smith, Ph. D., *Prof. Univ. Pa.*, Philadelphia.

1875.

- Martin L. Beard, *Cl.*, Middletown, Md.
 Mark S. Cressman, *Cl.*, Lewistown.
 Mercer B. Croll, M. D., Herman, Neb.
 John Croll, South Boston, Va.
 Charles T. Durboraw, *Pres. Eld. M. E. Ch.*, Ottawa, Kan.

Edward G. Hay, *Cl.*, Red Hook, N. Y.
 G. Edwin M. Herbst, M. D., Oley.
 DeWitt C. Hillegas, Philadelphia.
 Albert Homrighaus, *Cl.*, Washington, D. C.
 Charles C. Kerlinger, Woodsboro', Md.
 Jas. S. Lewars, *Law.*, Williamsport.
 James McConaughy, *Prof. Bib. Tr. Sch.*, Northfield, Mass.
 Jeremiah M. Snyder, *Cl.*, Strongstown.
 Elias D. Weigle, D. D., Mechanicsburg.
 Martin L. Young, *Cl.*, Ph. D., Meyersdale.

1876.

John S. Alleman, *Law.*, Harrisburg.
 Louis H. Clement, *Law.*, Salisbury, N. C.
 Philip C. Croll, *Cl.*, Lebanon.
 *George R. Freeman, *Prof. Theol.*, Meadville, *1898.
 *Charles H. Graff, M. D., Duluth, Minn., *1889.
 George C. Henry, *Cl.*, Shippensburg.
 *David Horner, Esq., Gettysburg, *1880.
 James C. Jacoby, D. D., Webster City, Iowa.
 *John F. Kime, *Law.*, New Rockford, N. Dak., *1895.
 Oliver H. Melcher, *Cl.*, Springtown.
 Luther K. Probst, *Cl.*, Atlanta, Ga.
 Wm. F. Rentz, *Cl.*, Pottsville.
 William A. Shipman, *Cl.*, Johnstown.
 Samuel E. Smith, *Cl.*, Lamartine.
 Samuel S. Willard, New Bloomfield.
 Jacob Yutzy, D. D., *Prof. Theol.*, Selinsgrove.

1877.

Wm. M. Baum, Jr., *Cl.*, Canajoharie, N. Y.
 Harry M. Clabangh, *Judge U. S. Cl.*, Washington, D. C.
 W. K. Copenhaver, *Law.*, Englewood, Ill.
 J. Haines Crist, *Law.*, Santa Fe, N. Mex.
 George W. Gross, Sc. D., *Tea.*, York.
 John P. Hecht, M. D., Raritan, N. J.
 William R. Hoch, M. D., Philadelphia.
 Benjamin F. Kautz, *Cl.*, Seven Valley.
 *John Kline, *Law.*, Bellefonte, *1898.
 *William C. Koller, Glen Rock, *1878.
 Francis A. Kurtz, *Law.*, Baltimore, Md.
 Frank P. Manhart, D. D., *Supt. Dea. Ho.*, Baltimore, Md.
 Benjamin K. Miller, Jr., *Law.*, Milwaukee, Wis.
 George P. Miller, J. U. D., *Law.*, Milwaukee, Wis.

C. Augustus Sattler, *Law.*, Norfolk, Neb.

J. Bion Scott, M. D., Gettysburg.

William L. Seabrook, *Cl.*, Winchester, Va.

Henry Sharp, *Cl.*, New York City.

*Alter Y. Shindel, Danville,

*1878.

Milton H. Stine, Ph. D. (1896), *Cl.*, Harrisburg.

Charles S. Trump, *Cl.*, Martinsburg, W. Va.

Jonathan A. West, *Cl.*, Convoy, O.

*Henry B. Wile, D. D., Carlisle,

*1899.

John J. Young, D. D., New York City.

1878.

John U. Asper, *Cl.*, Lewistown, Md.

Albert Bell, *Cl.*, York.

Geo. J. Benner, *Law.*, *M. C.*, Gettysburg,

G. Maurice Culp, Escondido, Cal.

Holmes Dysinger, D. D., Kansas City, Mo.

Alfred R. Glaze, *Cl.*, Vilas.

James A. Hartman, *Cl.*, Bellwood.

H. Maximus Lentz, *Cl.*, Florence, Ky.

John F. Mackley, M. D., *Cl.*, Fairfield.

Chambers L. McConnell, *Cl.*, Mifflinburg.

*Verus H. Metzger, *Law.*, *Sen. Pa.*, Williamsport.

*1891.

Oliver C. Roth, *Cl.*, Altoona.

John C. F. Rupp, *Cl.*, Scottdale.

Adam Stump, *Cl.*, York.

1879.

George S. Diven, *Cl.*, Atchison, Kan.

John Fahnestock, Philadelphia.

Ephraim Felton, *Cl.*, Baltimore, Md.

Martin D. Gaver, *Cl.*, Williamsport, Md.

John Francis Graff, Worthington.

Upton A. Hankey, *Cl.*, Bendersville.

Wm. Kuhns Hill, *Cl.*, *Tea.*, Carthage, Ill.

Luther Kuhlman, D. D., Frederick, Md.

Harry C. Picking, *Treas. Pa. C.*, Gettysburg.

Alexander D. Wentz, M. D., Hanover.

J. Witmer Wolf, Centre Hall.

1880.

George S. Bowers, *Cl.*, Hagerstown, Md.

Clarence A. Eyler, *Cl.*, Trenton, N. J.

A. H. Franke Fischer, *Cl.*, Easton.

Lindley N. Fleck, *Cl.*, Stoyestown.
 Daniel Fleisher, Ph. D. (1888), *Supt.*, Columbia.
 *Junius B. Fox, *Cl.*, Ph. D. (1890), Staunton, Va. *1900.
 Charles W. Heisler, *Pres. Sus. Univ.*, Selinsgrove.
 Martin P. Hocker, *Cl.*, Steelton.
 Jacob E. Maurer, *Cl.*, Boonsboro, Md.
 David McConaughy, Jr., *Sec. Y. M. C. A.*, Madras, India.
 George W. McSherry, *Cl.*, Boiling Springs.
 John A. Metzger, *Cl.*, Hanover.
 William D. E. Scott, *Cl.*, Loysville.
 William E. Stahler, *Cl.*, Lebanon.
 Millard F. Troxell, D. D., St. Joseph, Mo.
 Sterling G. Valentine, (B. S. '82), Ph. D. (1886), Dunbar.
 Luther B. Wolff, *Cl.*, *Pres. Watts C.*, Dallas, N. C.

1881.

Charles W. Burrell, Los Angeles, Cal.
 Jacob W. Byers, Ph. D., D. D., Upper Sandusky, O.
 George L. Croll, Sparrow's Point, Md.
 Charles M. Eyster, *Cl.*, Manchester, Md.
 Benjamin V. D. Fisher, *Law.*, Jersey City, N. J.
 Raymond F. Forrest, *Law.*, North Platte Neb.
 *Frank R. Kahler, *Cl.*, Southington, Conn., *1894.
 Thomas C. Linn, *Law.*, Salisbury, N. C.
 Emory L. Loudon, Altoona, Pa.
 William F. Musser, *Law.*, Salina, Kan.
 Robert M. Scott, D. D. S., West Chester.
 William P. Swartz, *Cl.*, Poughkeepsie, N. Y.
 Samuel J. Taylor, *Cl.*, Cary, O.
 *Ephraim F. Tracy, *Law.*, Westminster, Md., *1887.
 *Harry D. Withers, M. D., Paterson, N. J., *1895.
 *Madison F. Zimmerman, Andersonburg, *1887.

1882.

Charles W. Bingham, *Law.*, Cedar Rapids, Ia.
 Martin H. Buehler, Harrisburg.
 Frank E. Colvin, *Law.*, Bedford.
 Charles S. Duncan, *Law.*, Gettysburg.
 Charles T. L. Fisher, *Cl.*, *Prof. Eliz. C.*, Charlotte, N. C.
 Henry M. Freas, M. D., Philadelphia.
 *George D. Gotwald, *Cl.*, Kansas City, Mo., *1890.
 *John F. Herman, *Law.*, Olathe, Kan., *1897.
 Horace L. Jacobs, *Cl.*, Altoona.
 Wm. Archibald McClean, *Law.*, Gettysburg.

John L. Metzger, *Cl.*, Bloersville.
 Luther P. Scherer, *Cl.*, Coopers, W. Va.
 W. Clarence Sheely, *Law.*, Gettysburg.
 James C. Schindel, *Cl.*, Circleville, O.
 Harry L. Stahler, Norristown.
 Augustus R. Steck, *Cl.*, Gettysburg.
 Isaac H. Stryker, Elgin, Kan.
 Charles R. Trowbridge, *Cl.*, Easton.
 Milton H. Valentine, *Cl.*, *Jour.*, Philadelphia.
 George M. Walter, *Law.*, Gettysburg.
 Luther M. Weaver, D. D. S., Philadelphia.
 W. Warren Weaver, M. D., Philadelphia.
 Henry H. Weber, *Cl.*, *Sec. Ch. Ex. B.*, York.
 James E. Zerger, *Cl.*, Addison.

1883.

Alfred B. Ames, Camden, N. J.
 George Wm. W. Amick, *Cl.*, Peabody, Kan.
 William W. Anstadt, *Cl.*, Hollidaysburg.
 Charles W. Baker, *Cl.*, New Philadelphia, O.
 George W. Baughman, *Cl.*, Uniontown, Md.
 Luther A. Brewer, *Law.*, *Jour.*, Cedar Rapids, Ia.
 Huber G. Buehler, *Cl.*, *Tea. Hotchkiss School*, Lakeville, Conn.
 F. Harry Crissman, *Cl.*, York Haven.
 Samuel J. Derr, *Cl.*, Hampstead, Md.
 William M. Duncan, Eureka Springs, Ark.
 Clinton D. Hoover, *Cl.*, Tucson, Ariz.
 William H. Jordy, Pittsburg.
 Luther M. Kuhns, *Cl.*, Omaha, Neb.
 *Reuben McD. Linton, *Law.*, *Jour.*, Somerset,
 Peter Livingston, *Cl.*, York.
 Samuel G. McConaughy, Philadelphia.
 John B. McPherson, *Law.*, Gettysburg.
 William L. McPherson, *Jour.*, Washington, D. C.
 J. Elmer Musselman, Gettysburg.
 Milton C. Remsburg, Hudson, S. Dak.
 James W. Shadle, Williamsport.
 Allen J. Smith, M. D., *Prof. Univ. Tex.*, Galveston, Tex.
 Calvin R. Unger, *Law.*, Hyattsville, Md.,
 Kent K. Wible, University, Cal.
 Harry L. Yarger, D. D., *Cl.*, *Sec. Ch. Ex. B.*, Atchison, Kan.

*1899.

1884.

Frederick L. Bergstresser, *Cl.*, Tyrone.

Charles A. Britt, *Cl.*, Taneytown, Md.
 Jacob L. Butt, *Law.*, Gettysburg,
 Henry B. Cline, Houston, Tex.
 Meade D. Detweiler, *Law.*, Harrisburg.
 Geo. A. McK. Dyess, *Cl.*, New York City.
 George E. Faber, *Cl.*, Chalfont.
 Andrew S. Fichthorn, *Cl.*, Norristown.
 Cyrus L. Fleck, *Cl.*, Riegelsville.
 Joseph B. Hileman, Jr., M. D., Jersey City, N. J.
 John S. Kausler, Hagerstown, Md.
 Herman F. Kroh, *Cl.*, Pine Grove.
 Oscar H. Marsh, Oakland, Ia.
 John B. McAllister, M. D., Harrisburg.
 Harry M. Wolf, Mifflinburg.
 Anderson Wolff, *Prof. Gast C.*, Dallas, N. C.
 Leander M. Zimmerman, *Cl.*, Baltimore, Md.

BACHELOR OF SCIENCE.

Edward Hill, Leechburg.

1885.

Charles T. Aikens, *Cl.*, Pine Grove Mills.
 Daniel R. Becker, *Cl.*, New Franklin.
 *Edgar I. Brenner, Smithsburg, Md.,
 George G. M. Brown, *Cl.*, Everett.
 William E. Buehler, Philadelphia.
 Lewis DeW. Gerhardt, Martinsburg, W. Va.
 Henry J. Hapeman, *Cl.*, Dakota, Neb.
 Robert M. Hardinge, *Weath. Beau.*, Santa Fe., N. M.
 J. Stewart Hartman, *Cl.*, Silver Run, Md.
 Howard M. Heilman, *Cl.*, Altoona.
 Edwin E. Hoshour, *Cl.*, Hellam.
 Charles M. McLaughlin, M. D., Greencastle.
 John E. Melick, *Law.*, Brooklyn, N. Y.
 Edgar D. Miller, *Cl.*, Ashland.
 Samuel S. Neely, *Law.*, Gettysburg.
 Samuel L. Powell, *Prof. Newb. C.*, Newberry, S. C.
 Charles Reinewald, *Cl.*, Emmitsburg, Md.
 Arthur F. Richardson, *Cl.*, Lancaster, O.
 William A. Riegel, M. D., Catasauqua.
 John J. Rothrock, M. D., St. Paul, Minn.
 Samuel E. Slater, *Cl.*, Huntingdon.
 Reuben Stare, *Cl.*, Lewisberry.

*1886

BACHELOR OF SCIENCE.

Norman Galt, Washington, D. C.

1886.

William F. Berger, *Cl.*, Gettysburg.

J. Elmer Bittle, *Cl.*, Turtle Creek.

Harry F. Buehler, Gettysburg.

Luther E. Deyoe, *Cl.*, Harrisburg.

William K. Diehl, *Cl.*, Nittany.

J. Eugene Dietterich, *Cl.*, Flourtown.

Christian Gosh, *Law.*, Galena, Kan.

Robert Horner, Philadelphia.

Oscar G. Klinger, *Cl.*, *Prof. Pa. C.*, Gettysburg.

William W. Kribbs, *Cl.*, Knox.

William L. Leisher, *Cl.*, Clinton, O.

Shile Miller, *Cl.*, North Hope.

DeW. Clinton R. Miller, M. D., Mason and Dixon.

Murray G. Motter, M. D., (B. S. 1887), Washington, D. C.

Harvey H. Rouzer, *Law.*, Baltimore, Md.

Thaddeus B. Seigle, *Lieut. U. S. A.*

Edward C. Shafer, Brunswick, Md.

Braden E. Shaner, *Cl.*, Tarentum.

John G. Traver, *Cl.*, *Prin. Class. Dep't.*, Hartwick Seminary, N. Y.

Daniel B. Treibley, *Cl.*, Clearfield.

Victor G. A. Tressler, *Cl.*, Leipsic, Germany.

BACHELOR OF SCIENCE.

Marbourg Keedy, *Law.*, San Juan, Porto Rico.

Franklin Menges, Ph. D. (1888), *Tea.*, York.

Morris L. Rouzer, Thurmont, Md.

1887.

Herbert C. Alleman, *Cl.*, Gettysburg.

Sidney E. Bateman, *Cl.*, Philadelphia.

Ira F. Brame, *Cl.*, Carlisle.

William I. Burrell, *Cl.*, Sylvania.

Melanchthon Coover, *Cl.*, Ardmore.

James S. Croll, Kingston.

Theodore L. Crouse, *Cl.*, St. Thomas.

Emanuel L. Dreibelbis, *Cl.*, Amsterdam, N. Y.

Mosheim R. W. Fishburn, *Cl.*, Washington, D. C.

James H. C. Fisher, *Cl.*, *Prof. N. Car. C.*, Mount Pleasant, N. C.

*Cyrus G. Focht, *Cl.*, Dickinson,

*1893.

Gottlieb Holzapfel, *Jour.*, Cleona.

J. A. McDermad, *Cl.*, Aspers.
 Amos A. Parr, *Cl.*, Spring Forge.
 *Alten Schmell, Mt. Bethel,
 I. Newton Snively, M. D., Philadelphia.
 Harry G. Snyder, *Cl.*, Tiffin, O.
 Charles E. Stahle, *Law., Jour.*, Gettysburg.
 William F. Steck, *Cl.*, Muncy.
 Aidtkin G. Wolf, *Cl.*, Gettysburg.

*1888.

1888.

John Aberly, *Cl.*, *Miss.*, Guntur, India.
 Luther S. Black, *Cl.*, Johnstown, N. Y.
 Silas D. Daugherty, *Cl.*, Norwood.
 J. Milton Francis, *Cl.*, Springfield, Ill.
 William E. Fry, *Cl.*, San Jose, Cal.
 Daniel F. Garland, *Cl.*, Dayton, O.
 Leander Goetz, *Cl.*, Evansville, Ind.
 William H. Harding, *Cl.*, Montoursville.
 John J. Hill, *Cl.*, Buffalo, N. Y.
 Charles A. Hoy, *Cl.*, Funkstown, Md.
 J. Harry Main, *Cl.*, Philadelphia.
 Frederick E. Metzger, *Prof. Md. C.*, Lutherville, Md.
 John C. Reighard, *Cl.*, McAllisterville.
 Howard C. Rouzer, Baltimore, Md.
 Howard P. Sadtler, *Law.*, Baltimore, Md.
 John E. Weidley, *Cl.*, Pittsburg.

BACHELOR OF SCIENCE.

John H. Beckley, Beckleystown, Md.

1889.

Robert G. Barmen, *Cl.*, Burlingame.
 Horace W. Biklé, Pittsburg.
 Morris W. Croll, Philadelphia.
 Samuel S. Diehl, *Cl.*, Kintnersville.
 Charles B. Etter, *Cl.*, Wadsworth, O.
 William H. Fahs, *Cl.*, Mifflintown.
 Robert F. Fetterolf, *Cl.*, Mercersburg.
 Edward C. Hecht, New York City.
 Albert M. Heilman, *Cl.*, Shrewsbury.
 Cyrus E. Held, *Cl.*, New Chester.
 David S. Hoover, *Cl.*, Somerset.
 Paul W. Kuhns, Omaha, Neb.
 John H. C. Manifold, *Cl.*, New Freedom.

Samuel J. McDowell, *Cl.*, Sharpsburg.
 Donald P. McPherson, *Law.*, Gettysburg.
 Norman C. McPherson, Hagerstown, Md.
 Robert S. Patterson, *Cl.*, Berlin.
 William L. Rutherford, *Cl.*, Montoursville.
 John R. Scott, *Law.*, Pittsburg.
 John F. Seibert, *Cl.*, Sedalia, Mo.
 Henry A. Spangler, M. D., Carlisle.
 Theodore B. Thomas, *Cl.*, York.
 Ira L. Tipton, *Tea.*, Pottstown.
 Henry E. Wieand, *Cl.*, Three Rivers, Mich.
 Horace E. Zimmerman, *Cl.*, Clarion.

BACHELOR OF SCIENCE.

George A. Kyner, *Law.*, Chambersburg.
 Robert E. Wible, *Law.*, Gettysburg.

1890.

Henry Anstadt, *Cl.*, York.
 H. Clayton Bixler, *Cl.*, Manchester.
 Edward E. Blint, *Cl.*, Littlestown.
 William J. Bucher, *Cl.*, Braddock.
 Charles B. Fager, Jr., M. D., *Tea.*, Harrisburg.
 Frederick S. Geesey, *Cl.*, Spring Forge.
 Morris F. Good, *Cl.*, Annville.
 Oscar H. Gruver, *Cl.*, Idaville.
 Lorenzo E. Kepler, Cumberland, Md.
 Edward C. Kershner, M. D., New York City.
 J. F. W. Kitzmeyer, *Cl.*, New York City.
 Sanford B. Martin, *Law.*, New Haven, Conn.
 William G. Minnick, *Cl.*, Harney, Md.
 Samuel T. Nicholas, *Cl.*, Allegheny.
 George H. Reen, *Cl.*, Columbia.
 Herman C. Reller, *Cl.*, Freeport.
 George W. Rowe, Philadelphia.
 Ulysses S. G. Rupp, *Cl.*, Baltimore, Md.
 Franz S. Schultz, *Cl.*, Johnstown.
 Joseph S. Shapley, *Law.*, Carlisle.
 William B. Small, M. D., Philadelphia.
 Luther T. Snyder, *Cl.*, Orrstown.
 William J. Wagner, *Cl.*, Glasgow.
 Frank P. Whitmer, Keyser, W. Va.
 Samuel E. Whitmer, Troy.
 Noah E. Yeiser, *Cl.*, *Miss.*, Narasarawpet, India.

BACHELOR OF SCIENCE.

Ernest Hoffman, Hagerstown, Md.
 Leslie M. Kauffman, M. D., Kauffman's.
 George B. Kunkel, M. D., Harrisburg.
 William H. Ulsh, M. D., *U. S. N.*

DOCTOR OF PHILOSOPHY

G. C. H. Hasskarl, *Cl.*, Philadelphia.

1891.

J. McClellan Axe, *Cl.*, Newport.
 Luther H. Basehoar, Littlestown.
 Stanley Billheimer, *Cl.*, Washington, D. C.
 Thomas B. Birch, *Cl.*, *Prof. Irr. C.*, Mechanicsburg.
 Schmucker Duncan, Gettysburg.
 Wilton C. Dunlap, *Cl.*, Oswego, N. Y.
 Harry A. Elliott, Gettysburg.
 Garnet Gehr, *Law.*, Chambersburg.
 Robert N. Hartman, Ph. D., *Inst. Sch. of Mines*, Golden, Col.
 Samuel G. Hefelbower, *Cl.*, Frostburg, Md.
 William Hersh, *Law.*, Gettysburg.
 John E. Hoick, *Cl.*, San Diego, Cal.
 James B. Markward, *Cl.*, Wilkinsburg.
 Albert O. Mullen, *Cl.*, Watsontown.
 Luther C. Peter, M. D., Philadelphia.
 August Pohlman, M. D., *Cl.*, *Miss.*, Muhlenburg, Liberia.
 Davis A. K. Preston, *Cl.*, Newtown, Ind.
 Charles L. Ritter, *Cl.*, Burkittsville, Md.
 William G. Slifer, *Cl.*, Clearville.
 William L. Smyser, *Tea.*, Chicago, Ill.
 George F. Snyder, *Cl.*, Williamsport.
 *Adam C. Stup, Frederick, Md..
 M. Luther Tate, *Cl.*, Philadelphia.
 Charles W. Walker, *Law.*, Somerset.
 Edmund J. Wolf, *Tea.*, Eureka, Kan.
 Robert B. Wolf, *Cl.*, Eureka, Kan.

*1894.

BACHELOR OF SCIENCE.

David A. Buehler, Harrisburg.
 Charles S. Harter, Lock Haven.
 Herman F. Swartz, *Cl.*, Mansfield, Mass.

1892.

John J. Albert, *Jour.*, Washington, D. C.
 Jesse W. Ball, *Cl.*, Los Angeles, Cal.

George Beiswanger, *Cl.*, Baltimore, Md.
 Harvey E. Berkey, *Cl.*, Red Lion.
 Charles G. Biklé, *Cl.*, Dansville, N. Y.
 Morris T. Brown, Waynesboro.
 Warren K. Damuth, *Cl.*, Philadelphia.
 David P. Drawbaugh, *Cl.*, McConnellsburg.
 Charles E. Filbert, M. D., Eckels.
 George A. Getty, *Cl.*, Cobleskill, N. Y.
 Elbert A. Gruver, *Prin. Deaf and Dumb Inst.*, New York City.
 Emanuel W. Herman, *Law., H. R. of Md.*, Towson, Md.
 Ferdinand Hesse, *Cl.*, New Oxford.
 Charles H. Huber, *Cl., Prof. Pa. C.*, Gettysburg.
 Charles F. Jacob, *Cl.*, Steelton.
 Harvey H. Jones, (also B. S. 1892), M. D., Jefferson.
 Edward O. Keen, *Cl.*, Waynesboro.
 George J. M. Ketner, *Cl.*, Davis, W. Va.
 Henry A. Leader, *Cl.*, Richmond, Ind.
 Charles F. Sanders, *Cl.*, Blairsville.
 William L. Ulery, Greensburg.

BACHELOR OF SCIENCE.

George W. Boyer, Pine Grove.
 Frederick V. Filbert, *Law.*, Pine Grove.
 Joseph L. Gensemer, *Cl.*, Glenside.
 Frank Hersh, Stanhope, N. J.
 Clayton J. Ziegler, York.

1893.

Charles E. Allison, M. D., Jeddo.
 William L. Ammon, *Law.*, York.
 Will F. Bare, *Cl.*, Dallastown.
 George C. Baum, Philadelphia.
 Franklin M. Bortner, *Law.*, York.
 John C. Bowers, *Cl.*, Washington, D. C.
 Merle S. Boyer, M. D., Philadelphia.
 John J. Brallier, *Tea.*, Berlin.
 Daniel F. Culler, *Prof. Eliz. C.*, Charlotte, N. C.
 Theodore D. Culp, *Tea.*, Academia.
 William H. Deardorff, M. D., Jeddo.
 Ervin Dieterly, *Cl.*, Springtown.
 George M. K. Diffenderfer, *Cl.*, Carlisle.
 John G. Dundore, *Tea.*, Hughesville.
 William H. Ehrehart, *Cl.*, Silver Run, Md.
 George W. Enders, *Cl.*, Union Bridge, Md.

Harry E. Gettler, M. D., Littlestown.
 Niels L. J. Grön, Boston, Mass.
 John C. Grimes, *Cl.*, Orangeville.
 Jerome M. Guss, *Cl.*, Etna.
 Andrew S. Hain, *Cl.*, West Camp, N. Y.
 Frank H. Hedges, Frederick, Md.
 William C. Heffner, *Cl.*, Fayetteville.
 Flavius Hilton, *Cl.*, Martin's Creek.
 George E. Hipsley, *Cl.*, Gordon.
 Austin A. Kelly, *Cl.*, Newville.
 Jacob F. Kempfer, *Prof. Irr. C.*, Mechanicsburg.
 Marion J. Kline, *Cl.*, Harrisburg.
 Frederick H. Knubel, *Cl.*, New York City.
 John Hay Kuhns, Omaha, Neb.
 Charles W. Leitzell, *Cl.*, Newton, Ia.
 Eugene E. Neudewitz, *Cl.*, Jersey City, N. J.
 Henry N. Nipple, Akron, O.
 Walter S. Oberholtzer, *Cl.*, Albion, Ind.
 Elmer E. Parson, *Cl.*, St. Clairsville.
 John R. Plank, M. D., Steelton.
 Andrew J. Rudisill, *Cl.*, Mt. Carmel.
 Aaron R. Rutt, *Supt.*, Milton.
 Virgil R. Saylor, *Prin.*, Somerset.
 Lewis W. Smith, Pittsburg.
 Edgar Sutherland, *Cl.*, Cumberland, Md.
 Frank G. Turner, *Law.*, Baltimore, Md.
 *Charles S. Wolf (post obit), Gettysburg,

*1893.

BACHELOR OF SCIENCE.

Gellert Alleman, Ph. D., *Inst. Wash. Univ.*, St. Louis, Mo.
 William J. Gies, Ph. D., *Inst. Columb. Univ.*, New York City.
 Robert R. Miller, Pine Grove.
 William M. Vastine, Catawissa.
 *Frank R. Welty, Allegheny City,

*1895.

DOCTOR OF PHILOSOPHY.

W. H. Klose, *Cl.*, De Witt, Ia.

1894.

Herbert A. Allison, *Prof. Susq. Univ.*, Selinsgrove.
 Call P. Bastian, *Prin.*, Muncy.
 Fred H. Bloomhardt, M. D., Altoona.
 Frank Barndt, M. D., Sumneytown.
 Luckett A. Bush, *Cl.*, Newcomerstown, O.
 William B. Duttera, *Cl.*, Cincinnati, O.

John S. English, *Cl.*, Saxton.
 John S. Fair, *Capt. U. S. A.*
 Frank E. Fickinger, *Supt.*, Plymouth.
 James W. Gladhill, Philadelphia.
 Cora E. Hartman (Berkey), Red Lion.
 Margaret R. Himes (Seebach), Maytown.
 William O. Ibach, *Cl.*, Chicora.
 Matthew Kemp, *Cl.*, Smicksburg.
 Charles F. Kloss, *Prof. Irr. C.*, Mechanicsburg.
 Paul W. Koller, *Cl.*, Hanover.
 Benjamin R. Lantz, *Cl.*, Millersburg.
 William F. Lutz, Philadelphia.
 Richard W. Mottern, *Cl.*, Mt. Holly Springs.
 Jacob C. Nicholas, *Cl.*, Chicora.
 Julius F. Seebach, *Cl.*, Maytown.
 *Samuel B. Sorrick, Marklesburg,
 Elmer M. Stahle, *Prin.*, Glenville.
 Clyde B. Stover, *Inst. Pa. C.*, Gettysburg.
 David W. Van Camp, M. D., Plainfield.

*1896.

BACHELOR OF SCIENCE.

John Hoffer, Jr., Harrisburg.
 Ralph E. Miller, Pine Grove.
 William O. Nicklas, *Law.*, Chambersburg.

DOCTOR OF PHILOSOPHY.

Michael M. Kinnard, *Cl.*, Columbia, S. C.

1895.

Ulysses E. Apple, *Cl.*, Trenton, N. J.
 Nathaniel C. Barbehenn, *Tea.*, Nazareth.
 Charles K. Bell, *Cl.*, Salem, Va.
 Charles S. Brosius, *Cl.*, Sunbury.
 Sylvester B. Burger, *Cl.*, *Miss.*, Guntoor, India.
 John E. Byers, *Cl.*, Penbrook.
 Henry E. Clare, *Cl.*, Brooklyn, N. Y.
 John H. Deihl, *Cl.*, Brunswick, Md.
 George H. Eckels, *Prof. Nor. Sch.*, Shippensburg.
 Elmer N. B. Erb, Boyertown.
 William H. Feldman, *Cl.*, New York City.
 Wilmer A. Hartman, *Cl.*, Wheeling, W. Va.
 Charles S. Jones, *Cl.*, Baltimore.
 Frank M. Keffer, Washington, D. C.
 William A. Kump, *Cl.*, Bridgeton, N. J.
 Otis O. Leidich, *Cl.*, Palmyra.

Abram R. Longanecker, *Cl.*, Dillsburg.
 Waldo D. Maynard, *Prin.*, Bel Air, Md.
 Robert L. Meisenhelder, *Cl.*, York.
 Luther F. Miller, *Cl.*, Westernport, Md.
 Harry D. Newcomer, *Cl.*, Allentown.
 Herbert F. Richard, *Cl.*, San Juan, Porto Rico.
 Moritz G. L. Rietz, *Cl.*, Chatham, N. Y.
 George I. Uhler, *Cl.*, Oakland, Md.
 Edward H. Wert, *Law.*, Harrisburg.
 Charles F. Wiest, *Cl.*, Milroy.
 Horace M. Witman, Harrisburg.
 Roscoe C. Wright, *Cl.*, Wurtemburg, N. Y.

BACHELOR OF SCIENCE.

Frederick A. Crilley, Chicago, Ill.
 Charles H. Hollinger, Harrisburg.
 Ira N. Hoover, Waynesboro.
 Percy D. Hoover, M. D., Waynesboro.
 William B. Keefer, Reading.

DOCTOR OF PHILOSOPHY.

Robert B. Peery, *Cl.*, Saga, Japan.

1896.

Frederick J. Baum, *Cl.*, Fort Washington.
 George W. Brubaker, *Cl.*, Phoenixville.
 Arthur C. Carty, *Cl.*, La Crosse, Wis.
 Luther P. Eisenhart, Baltimore Md.
 *Edna M. Loomis (Hefelbower), Frostburg, Md.,
 William H. Menges, Menges' Mills.
 Irvin O. S. Moser, *Cl.*, Port Royal.
 D. Edgar Rice, *Prin.*, Chambersburg.
 George O. Ritter, *Cl.*, Chapman, Kan.
 Herbert D. Shimer, *Cl.*, New Kingston.
 Webster D. Spayde, *Cl.*, Quincy.
 Grayson Z. Stup, *Cl.*, Ray's Hill.
 John O. Yoder, *Cl.*, Stewartsville, N. J.

*1899.

BACHELOR OF SCIENCE.

Edward M. Loudon, Altoona.
 William R. Reitzell, *Law.*, New York City.
 Charles O. Shaar, Steelton.

DOCTOR OF PHILOSOPHY.

Henderson N. Miller, *Cl.*, *Prof. N. Car. C.*, Mt. Pleasant, N. C.

1897.

George F. Abel, New Haven, Conn.
 Ernest A. Armstrong, *Tea.*, Millersville.
 Henry Wolf Biklé, Philadelphia.
 Charles R. Coble, *Lieut. U. S. A.*
 Arthur B. Coble, Baltimore, Md.
 Elkanah M. Duck, New York City.
 George W. Englar, (Sem.), Linwood, Md.
 Frederick W. Friday, Philadelphia.
 White Hutton, Cambridge, Mass.
 Samuel J. Miller, (Sem.), Edgemont, Md.
 John W. Ott, (Sem.), Rocky Ridge, Md.
 Pearl J. Shriver, (Sem.), Gettysburg.
 Anna G. Sieber, Gettysburg.
 *Henry R. Smith, Chambersburg,
 William R. Stahl, (Sem.), Hay's Mills.
 Philip T. E. Stockslager, (Sem.), Funkstown, Md.
 William E. Wheeler, (Sem.), Baltimore, Md.
 Clifton G. White, (Sem.), Manheim.
 Robbin Bayard Wolf, *Tea.*, Stamford, Conn.

*1898.

BACHELOR OF SCIENCE.

Horace E. Clute, New Haven, Conn.
 Charles L. B. Erb, Boyertown.
 George H. Kain, York.
 Franklin S. Leisenring, *Lieut. U. S. A.*
 Lewis C. Manges, (Sem.), York.
 John E. Meisenhelder, Baltimore, Md.

DOCTOR OF PHILOSOPHY.

Julia E. Painter (Throckmorton), Salem, Va.
 James A. B. Scherer, *Cl.*, Charleston, S. C.

1898.

Ira G. Briner, (Sem.), New Bloomfield.
 Eugene G. A. Cline, *Tea.*, Sunbury.
 Robert M. Culler, Philadelphia.
 Herbert Finch, (Sem.), Ramsey, N. J.
 Charles J. Fite, Pittsburg.
 Charles E. Fleck, *Tea.*, Waynesboro.
 Albertus G. Fuss, Williamsport, Md.
 Harvey F. Grazier, Johnstown.
 Charles W. Hess, (Sem.), Taneytown, Md.
 Effie E. Hess, *Prin.*, Hampstead.

Charles B. Kephart, Ann Arbor, Mich.
 E. Leonard Koller, Philadelphia.
 Joseph W. Krafft, Glen Rock.
 Charles T. Lark, New Haven, Conn.
 Simon M. Lutz, Springfield, O.
 James A. McAllister, Princeton, N. J.
 Edward W. Meisenhelder, Baltimore, Md.
 Mary Naomi Myers, *Tea.*, Westminster, Md.
 Charles M. Nicholas, Selinsgrove.
 John H. Raffensperger, New York City.
 James A. Singmaster, Philadelphia.
 Ralph L. Smith, Pittsburg.
 Clinton E. Tawney, Gettysburg.
 Samuel F. Tholan, (Sem.), Merlin.
 Charles H. Tilp, (Sem.), Meyersdale.
 A. B. Bunn Van Ormer, (Sem.), *Inst. Pa. C.*, Gettysburg.
 Anna Vera Wible, Gettysburg.
 Robert W. Woods, (Sem.), Blain.
 Josiah E. Zimmerman, Roller, Md.

BACHELOR OF SCIENCE.

Howard B. Erdman, Philadelphia.
 William H. Sprenkle, *Tea.*, Orange, Conn.

1899.

Henry Albers, Jr., Brooklyn, N. Y.
 Amos T. Bennett, *Tea.*, York Springs.
 William E. E. Brown, (Sem.), Upperco, Md.
 Arthur S. Brumbaugh, Philadelphia.
 Harvey F. Deveney, York.
 Edgar A. Deyoe, Ramsey, N. J.
 Charles Diehl, (Sem.), Gettysburg.
 Reuben O. Diehl, *Tea.*, Westminster.
 Robert W. Doty, (Sem.), Jefferson, Md.
 William R. Edwards, Doubs, Md.
 Martin L. Enders, (Sem.), York.
 Steward W. Herman, (Sem.), York.
 Jos. N. K. Hickman, *Inst. Pa. C.*, Gettysburg.
 Joseph H. Keller, (Sem.), Yorkana.
 William J. Klinefelter, Glenville.
 George N. Lauffer, (Sem.), Apollo.
 John H. Meyer, (Sem.), New York City.
 Harry J. Musselman, (Sem.), Fairfield.
 Thomas J. Reisch, (Sem.), Steelton.

Henry C. Roehner, (Sem.), Green Ridge.
Charles H. Smith, Allegheny.
Jacob D. Snyder, Philadelphia.
J. Frank Staley, *Tea.*, Middletown.
Amos M. Stamets, (Sem.), Springtown, N. J.
Jacob H. Straw, (Sem.), New Millport.
Louis S. Weaver, New Haven, Conn.
J. Wesley Weeter, Selinsgrove.
Anna R. Welty, *Tea.*, York.

BACHELOR OF SCIENCE.

John H. Beerits, *Tea.*, Somerset.
Horace M. Cumbler, Philadelphia.
George W. Sloop, Steelton.



CAMPUS AND BUILDING OF PENNSYLVANIA COLLEGE

SIXTY-NINTH ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

PENNSYLVANIA COLLEGE

GETTYSBURG, PENN'A.

FOR THE ACADEMIC YEAR

1900--1901.

GETTYSBURG:

THE J. E. WIBLE PRINTING HOUSE, CARLISLE STREET, (SECOND SQUARE .

1901.

CALENDAR, 1900--1901.

1900.

Sept. 6. Thursday Morning—beginning of First Term.

Dec. 20. End of First Term.

WINTER VACATION.

1901.

Jan. 8. Beginning of Second Term.

Jan. 27. Day of Prayer for Colleges.

March 27. Ending of Second Term.

March 27. Beginning of Third Term.

April 2--10.

EASTER RECESS.

May 6. Junior Latin Examination for Hassler Prize.

June 10, 11, 12. Final Examination of Senior Class.

June 16. Sunday Morning—Baccalaureate Sermon by DR. WM. M. BAUM.

June 16. Sunday Evening—Discourse before the Y. M. C. A.

June 17, 18. Entrance Examinations.

June 18. 8 A. M., Tuesday—Meeting of Board of Trustees.

June 18. 10.30 A. M., Tuesday—Junior Oratorical Contest.

June 18. Evening—Annual meeting of Alumni—President's Reception.

June 19. 9 A. M., Wednesday—Commencement Exercises.

SUMMER VACATION.

Sept. 5. Thursday Morning—Beginning of First Term.

Dec. 19. End of First Term.

TRUSTEES.

P. H. GLATFELTER, President,	Spring Forge.
HON. JOHN A. SWOPE, Vice President,	Gettysburg.
CHARLES M. STOCK, D. D., Secretary,	Hanover.
PRES. H. W. MCKNIGHT, D. D., LL. D.,	Gettysburg.
WILLIAM M. BAUM, D. D.,	Philadelphia.
J. GEORGE BUTLER, D. D.,	Washington, D. C.
MILTON VALENTINE, D. D., LL. D.,	Gettysburg.
LUTHER E. ALBERT, D. D.,	Germantown.
GEORGE RYNEAL, JR.,	Washington, D. C.
HON. SAMUEL D. SCHMUCKER, LL. D.,	Baltimore, Md.
JOHN G. GOETTMAN, D. D.,	Allegheny.
JACOB BUEHLER,	Harrisburg.
BENJAMIN S. KUNKLE,	Philadelphia.
JOHN F. GWINNER,	Easton.
HON. EDMUND D. GRAFF,	Worthington.
HON. S. MCC. SWOPE,	Gettysburg.
W. H. DUNBAR, D. D.,	Baltimore, Md.
T. C. BILLHEIMER, D. D.,	Gettysburg.
JOHN WAGNER, D. D.,	Hazleton.
MATTHEW G. BOYER, D. D.,	W. Sandlake, N. Y.
T. BLAIR PATTON,	Huntingdon.
JAMES STRONG,	Philadelphia.
JOHN B. McPHERSON, Esq.,	Gettysburg.
J. EMORY BAIR,	Gettysburg.
JOHN J. YOUNG, D. D.,	New York City.
HON. JEREMIAH N. KELLER	Mifflintown.
REV. WILLIAM A. SHIPMAN,	Johnstown.
CHARLES A. KUNKEL,	Harrisburg.
HENRY C. PICKING,	Gettysburg.
DANIEL F. LAFEAN,	York.
WILLIAM J. MILLER,	Philadelphia.
CHARLES F. STIFEL,	Allegheny.
ALBERT F. FOX,	Washington, D. C.
REV. H. H. WEBER,	York.
HON. J. P. S. GOBIN,	Lebanon.
HON. H. M. CLABAUGH,	Washington, D. C.

FACULTY AND INSTRUCTORS.

HARVEY W. McKNIGHT, D. D., LL., D.,
PRESIDENT, AND WILLIAM BITTINGER PROFESSOR OF INTELLECTUAL
AND MORAL SCIENCE.

3 Campus

JOHN A. HIMES, A. M., Litt. D.,
GRAEFF PROFESSOR OF ENGLISH LITERATURE AND POLITICAL
SCIENCE, AND LIBRARIAN.

120 Carlisle Street

REV. PHILIP M. BIKLE, Ph. D.,
DEAN, AND PEARSON PROFESSOR OF THE LATIN LANGUAGE AND
LITERATURE.

2 Campus

EDWARD S. BREIDENBAUGH, Sc. D.,
OCKERSHAUSEN PROFESSOR OF CHEMISTRY AND MINERALOGY, AND
CURATOR OF THE MUSEUM.

201 Carlisle Street

GEORGE D. STAHLEY, A. M., M. D.,
DR. CHARLES H. GRAFF PROFESSOR OF PHYSICAL CULTURE AND
HYGIENE, AND SECRETARY OF THE FACULTY.

Confederate Avenue

HENRY B. NIXON, Ph. D.,
PROFESSOR OF MATHEMATICS AND ASTRONOMY.

1 Campus

ELI HUBER, D. D.,
AMANDA RUPERT STRONG PROFESSOR OF ENGLISH BIBLE, AND
CHAPLAIN.

401 Carlisle Street

REV. OSCAR G. KLINGER, A. M.,
FRANKLIN PROFESSOR OF THE GREEK LANGUAGE AND LITERATURE.

38 York Street

CHARLES F. WOODS, Ph. D.,
ACTING PROFESSOR OF THE GERMAN LANGUAGE AND LITERATURE,
AND INSTRUCTOR IN FRENCH.

5 Lincoln Street

CLYDE B. STOVER, A. M.,

ASSISTANT IN CHEMISTRY.

4 Stevens Street

HON. DONALD P. McPHERSON, A. M., LL. B.,

LECTURER ON JURISPRUDENCE.

200 Carlisle Street

REV. CHARLES H. HUBER, A. M.,

PRINCIPAL OF THE PREPARATORY DEPARTMENT, AND PROFESSOR
OF LATIN AND ENGLISH.

401 Carlisle Street

A. B. BUNN VAN ORMER, A. B., PD. D.,

ASSISTANT PRINCIPAL, TUTOR IN GREEK AND HISTORY AND
INSTRUCTOR IN PEDAGOGY.

305 Carlisle Street

McCLEAN STOCK, A. B.,

TUTOR IN MATHEMATICS AND NATURAL SCIENCE.

42 Stevens Hall

JAMES A. SMYSER,

PHYSICAL INSTRUCTOR.

5 West College

GEORGE W. NICELY,

PROCTOR.

2 Middle College

WILLIAM A. KOHLER,

PROCTOR.

14 South College

HARRY C. PICKING,

TREASURER.

9 York Street

SALLIE P. KRAUTH,

ASSISTANT LIBRARIAN.

3 Baltimore Street

COURSES OF STUDY.

The College offers the following courses :

- I. A Classical course leading to the degree of A. B.
- II. A Scientific course leading to the degree of B. S.
- III. Special courses without reference to a degree.
- IV. Graduate courses leading to the degree of Ph. D.

TERMS OF ADMISSION.

Entrance examinations are held on Monday and Tuesday before Commencement and on Thursday, the day of opening, in September. While there may be examinations at other times, all applicants are urged to present themselves on the days appointed. Students from the Preparatory Department are admitted to the Freshman class upon the recommendation of the Principal without further examination. Applicants recommended by Principals of approved Academies and High Schools as having mastered the required preparatory studies are admitted on an extended trial, without a formal examination. *Women are admitted to all departments as day scholars.*

CLASSICAL COURSE.

Candidates for the Freshman class are subject to examination in the following books or their equivalents :

LATIN.—Latin Grammar : three books of Cæsar's Gallic War ; three books of Virgil's Æneid ; three orations of Cicero.

GREEK.—Greek Grammar complete ; three books of the Anabasis ; Jones' Prose Composition complete.

MATHEMATICS.—Arithmetic complete; including the Metric System; Elementary Algebra (Wells' Academic, through Quadratics, Robinson's complete, or Wentworth's to Chap. XVIII.); Geometry, three books of Wentworth's, or Phillips and Fisher's, or the equivalent in other authors.

ENGLISH.—In English the following books recommended by the Association of Colleges and Preparatory Schools of the Middle States and Maryland will be required:

For 1901: Addison's *Sir Roger de Coverley Papers*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

For 1902: Addison's *Sir Roger de Coverley Papers*; Scott's *Ivanhoe*; Coleridge's *Ancient Mariner*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*; Milton's *L'Allegro, Il Penseroso, and Comus*.

For 1903: Addison's *Sir Roger de Coverley Papers*; Scott's *Ivanhoe*; Coleridge's *Ancient Mariner*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*; Milton's *L'Allegro, Il Penseroso, and Comus*.

The candidate will be required to present evidence of a general knowledge of the subject matter and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics designed to test the candidate's power of clear and accurate expression and will call for only a general knowledge of the substance of the books. Questions involving the essentials of English Grammar and the fundamental principles of Rhetoric will be part of the examination.

No candidate will be accepted in English whose work is notably deficient in spelling, punctuation, idiom, or division into paragraphs.

GEOGRAPHY AND HISTORY.—Modern Political Geography; History of the United States (the equivalent of Sheldon's); General history.

SCIENTIFIC COURSE.

Candidates for the Freshman class of the Scientific Course are subject to the same examination as for the Classical Course with the omission of the Greek. For this omission may be substituted one of the following:

I. PHYSIOGRAPHY (Elementary Physical Geography), BOTANY (Elements of systematic and structural departments), or ELEMENTARY PHYSICS.

II. HISTORY.—Histories of England and France (Montgomery is recommended.)

SPECIAL COURSE.

Students not candidates for a degree are admitted to the privileges of the College and allowed to take special undergraduate studies, selected with the approval of the Faculty in such a manner as to secure the full and profitable employment of their time. Such special students undergo the examination necessary to ascertain their fitness for the proposed courses.

A candidate for advanced standing, in addition to the foregoing studies, is examined in the various books which the class he proposes to enter has studied.

An accurate and thorough acquaintance with the studies required for admission is indispensable, in order to receive the full advantage of the college course. Students imperfectly prepared for the class they enter are embarrassed in







their future progress and are seldom able to make up their deficiency.

No one is admitted to the Senior class after the beginning of the second term. *

TESTIMONIALS.—Satisfactory testimonials of good moral character are required, and students from other institutions must bring certificates of regular and honorable dismissal.

SUPERVISION AND DEVOTIONAL EXERCISES.

The President and the Dean, residing on the Campus, have special supervision of the buildings and are at all times easily accessible to the students. The College seeks to secure the coöperation of each individual student in the preservation of good order and the attainment of a high standard of scholarship and manly conduct.

Prayers, with reading of the Scriptures and singing, conducted by the President or Chaplain, are attended daily, at 7.40 A. M., on week days, in Brua Chapel. The devotional exercises of Sunday, beginning at 8 A. M., are extended to an hour's study of the International Sunday School lesson. At 10.30 A. M., all the students are required to attend public worship in the College Church, or in such other place of worship as their parents or guardians may designate by written request. Catechetical instruction is provided for those who desire it, and students are welcomed to other religious services in the churches of the town.

The Young Men's Christian Association of the College is an active agent in promoting religious interest among the students. Regular and special meetings for prayer are conducted by the members and classes for Bible study are formed. An annual course of lectures and musical entertainments under the same auspices adds much to the social enjoyment and culture of the college community.

INSTRUCTION.

In the under-graduate courses each candidate for a degree must have sixteen exercises a week of required or elective work in recitations, lectures, or laboratory periods, besides the Biblical hour on Sunday and the gymnasium periods. Usually there are three exercises each day except Saturday, when there is only one. Laboratory, drawing and surveying periods are each two and a half hours. A gymnasium period is one hour. A student in any of the special courses must have not less than eleven exercises a week.

RULES FOR THE CHOICE OF ELECTIVES.

1. No student shall be allowed to pursue any elective study unless the instructor in the same is satisfied that the student is prepared to pursue said study.
2. The choice of electives shall be made at the beginning of the year, and no change shall be allowed during the year.

The following schedule presents a general view of the studies and hours of the various classes.

CLASSICAL COURSE.

CLASS	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
H'rs.	8 or 9 10 or 11 2 or 3	8 or 9 10 or 11 2 or 3	8 or 9 10 or 11 2 or 3	8 or 9 10 or 11 2 or 3	8 or 9 10 or 11 2 or 3	8 or 9 10 or 11 2 or 3
FRESHMAN	Greek. Elocution. French.	Latin. Mathematics. History.	Greek. Mathematics. French.	Latin. Mathematics. History.	Greek. Mathematics. Bible.	Latin.
8 or 9 10 or 11	Latin. German.	Greek. English.	Latin. German.	Greek. English.	Latin. English.	Greek.
2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
SOPHOMORE	English.	German.	Psychology.	Psychology.	English.	German.
8 or 9	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \\ \text{Physics.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Latin.} \\ \text{Latin.} \\ \text{Bible.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Greek.} \\ \text{Greek.} \\ \text{Bible.} \\ \text{Biology.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Latin.} \\ \text{Latin.} \\ \text{Bible.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Greek.} \\ \text{Greek.} \\ \text{Bible.} \\ \text{Biology.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Greek.} \\ \text{Greek.} \\ \text{Bible.} \\ \text{Biology.} \end{array} \right.$
10 or 11						
1 to 3	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \\ \text{Physics.} \end{array} \right.$	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \\ \text{Physics.} \end{array} \right.$	Chemistry.	
JUNIOR						
8 or 9	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \\ \text{Physics.} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$	Pol. Science. Chemistry (9). Bible (9).
10 or 11	$\left\{ \begin{array}{l} \text{Geology.} \\ \text{Pol. Science.} \\ \text{Savitt. Science} \\ \text{Chemistry.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$	$\frac{1}{2}$ Evid. Christ. $\frac{1}{2}$ Ethics.	$\frac{1}{2}$ Evid. Christ. $\frac{1}{2}$ Ethics.	$\frac{1}{2}$ Evid. Christ. $\frac{1}{2}$ Ethics.	Biology.
2 3 1 to 3						

*Astronomy, one hour a week (Observatory (night) work.
Math. Problems, two periods a week at convenience.*

Italics indicate Elective Studies.
Numerals 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

SCIENTIFIC COURSE.

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9	Chemistry.	Latin.	Chemistry.	Latin.	Chemistry.	Latin.
	10 or 11	Elocution.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	
	2 or 3	French.	History.	French.	History.	Bible.	
SOPHOMORE	8 or 9	Latin.	Chemistry.	Latin.	Chemistry.	Latin	Math. 1 raw.
	10 or 11	German.	English.	German.	English.	English.	
	2 or 3	Mathematics.	Bible.	Mathematics.	Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
JUNIOR.	8 or 9	English.	Surveying.	Psychology.	Psychology.	English.	German.
	10 or 11	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ 3 Physics.	German.	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ 3	Surveying, (9)	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	
	1 to 3	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ 3 Physics.	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ 3 Physics.	Chemistry.	
SENIOR.	8 or 9	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$ 3	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$ 3	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$ 3	Pol. Science. Chemistry (9).
	10 or 11	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$ 3	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$ 3	$\left\{ \begin{array}{l} \text{Evid. Christ.} \\ \text{Ethics.} \end{array} \right.$ 3	$\left\{ \begin{array}{l} \text{Evid. Christ.} \\ \text{Ethics.} \end{array} \right.$ 3	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$ 3	Biology.
	2 3 1 to 3	$\left\{ \begin{array}{l} \text{Pol. Science.} \\ \text{Sanit. Science} \\ \text{Chemistry.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Hebrew.} \\ \text{Biology} \\ \text{Mineralogy.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{German.} \\ \text{Chemistry.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Hebrew} \\ \text{Biology.} \\ \text{Mineralogy.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{German.} \\ \text{Chemistry.} \end{array} \right.$	
Astronomy, one hour a week Observatory (night) work. Math. Problems, two periods a week at convenience.							

Italics indicate Elective Studies.

Numerals 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

DEPARTMENTS OF INSTRUCTION.

PHILOSOPHY.

President MCKNIGHT, Professors HIMES, HUBER and KLINGER.

1. *Psychology*. Mental phenomena are inductively treated, observed, classified and explained by being referred to their appropriate faculties and the conditions and laws of their production. Presentative and Representative knowledge, Thought and Intuition are successively considered, and the processes by which the mind advances from a knowledge of individual objects to that of universals are traced. The fundamental relations and correlates involved in these processes are critically examined into, in connection with a discussion of the various theories of knowledge and tendencies of modern thought. Preparation is thus given for advanced courses in Psychology and Philosophy. A text-book is used with such comment and criticism as encourage accurate and independent thinking.

Junior required course. Two hours a week throughout the year.

President MCKNIGHT.

2. *Logic*. Jevons' Lessons in Logic. The analysis of arguments their reduction to syllogistic form and the detection of common fallacies are the practical results aimed at in the study.

Junior required course. Two hours a week during the second term.

Professor HIMES.

3. *Ethics*. The study includes a critical examination of ethical theories relating to the Nature of Right, the Ground of Right, the Rule of Right, the Province of Right and Conscience. The student is conducted through an examination of Utilitarianism and other rejected theories to an immutable basis for right in the nature of God. The history of the different ethical theories is traced through succeeding schools from Socrates to the modern evolutionist.

Senior required course. Two hours a week during the latter half of the year.

President MCKNIGHT.

4. *Rational Theism*. Students are required to present from memory the chief points of the text-book, and these are further illustrated and impressed in conversation by additional points and illustrations.

By cumulative reviews they are enabled to offer orally a pretty complete system of Natural Theology.

Senior required course. Three hours a week, third term.

Professor KLINGER.

5. *Christian Evidence*. Fisher's Theistic and Christian Belief. While opposing theories are duly considered, the argument for Christianity from Miracles is accepted and defended. This argument is supported by others derived from various sources such as the fulfillment of Prophecy, the adaptedness of Christianity to the needs of human nature, the superiority of Christian Doctrine, and the benevolent fruits of the religion of Christ.

Senior required course. Two hours a week, the first half of the year.

Professor HUBER.

MATHEMATICS AND ASTRONOMY.

Professor NIXON.

1. *Geometry*. Plane (books fourth and fifth), solid and spherical. (Phillips and Fisher.)

Freshman required course. Four hours a week the first term and one-third of the second term.

2. *Algebra*. Series; undetermined coefficients; binomial theorem; logarithms; determinants; theory of equations. (Wells.)

Freshman required course. Four hours a week during two-thirds of the second, and one-half of the third term.

3. *Trigonometry*. Trigonometric functions; right triangle; isosceles triangle; regular polygon; goniometry. (Wentworth.)

Freshman required course. Four hours a week, the last half of the third term.

4. *Trigonometry*. Oblique triangle; right spherical triangle; oblique spherical triangle; application of spherical trigonometry to the solution of astronomical and other problems. (Wentworth.)

Sophomore required course. Three hours a week, the first term.

5. *Plane Analytic Geometry*. Rectilinear, oblique and polar systems; relation between the rectilinear and polar systems; equations of the straight line; properties of rectilinear figures; circle; ellipse; hyperbola; parabola; tangents and normals; loci of the first and second order; higher plane loci; transcendental curves. (Hardy.)

Sophomore required course. Three hours a week during the second term and two-thirds of the third term.

6. *Surveying*. Practical use of instruments—compass, transit and level; plotting; computing areas; making profiles. (Wentworth.)

Sophomore required course. Three hours a week, the last third of the third term.

7. *Mechanical Drawing*. Geometrical constructions; transcendental curves; section of the cone showing the ellipse, hyperbola and parabola; cylinders penetrating each other and the development of the same; isometric projections of solids; perspective.

Sophomore (Scientific) required course. One period a week during the year.

8. *Field Work in Surveying*. Use of the transit and level; rectangular surveying and use of traverse tables; triangulations; laying out curves; avoiding obstruction; levelling and setting grade stakes. (Carhart.)

Junior (Scientific) required course. Two hours a week during the first term and one-half of the third term.

9. *Mechanics* (Statics.) Composition and resolution of forces; parallel forces; equilibrium of a rigid body acted on by three forces in a plane; centre of gravity; machines; work. (Loney.)

Junior (Scientific) required course. Two hours a week during the second term and half of the third term.

10. *Differential Calculus*. Differentiating expansion of series; maxima and minima; indeterminate forms; tangents and normals; asymptotes and singular points; theory of envelopes; radius of curvature; evolutes and involutes. (Newcomb.)

Junior elective course. Three hours a week, the first term.

11. *Integral Calculus*. Integration; definite integrals; successive integration; rectification of curves; quadrature of plain figures; cubature of volumes. (Newcomb.)

Junior elective course. Three hours a week, second term.

12. *Calculus*. Special topics.

Junior elective course. Two hours a week, third term.

13. *Astronomy*. The subject as treated by Young; different authors reviewed by members of the class. The students of this course have access to the Observatory which is equipped with a chronometer, sextant, transit and equatorial.

Senior required course. Three hours a week during the first and second terms.

14. *Practical Astronomy*. The instruments used, besides the time-pieces, are the sextant, transit and equatorial. Determination of time, latitude and longitude; measurements of the diameters of planets and the distance of their satellites; measurements of the heights of mountains on the moon; measurements of double stars; calculation of eclipses; calculation of sunrise and sunset.

Senior elective course. One hour a week during the year.

15. *Mathematics*. Analytic Geometry of three dimensions; differential equations; Mechanics.

Senior elective course. Two hours a week during the year.

GREEK.

PROFESSOR KLINGER.

1. THE ORATORS. *Antiphon, Lysias, and Isæus*. Representative selections are read and compared with distinct reference to the development of prose style. The abundant allusions in them to early Athenian life are made the basis for studies in Greek antiquities of the historic period. Blackboard drill in forms, the explanation of case, mood, and tense uses and the study of words are features of the recitation. Lectures on the conditions under which prose-writing originated and developed are given at stated periods. Prose composition, based on the text, twice each week.

Freshman (Classical) required course. Three hours a week, first and second terms.

2. THE HISTORIANS. *Thucydides*. Selections from the Peloponnesian War. The study of the text continues the syntactical analysis, the drill in forms, and the study of words in accordance with the principles of word-formation. Special attention is given to the subject-matter, and the stirring times preceding the overthrow of the Athenian supremacy are depicted. Prose composition as before.

Freshman (Classical) required course. Three hours a week, third term.

Herodotus. Portions of the Persian Wars are read rapidly with particular attention to the subject-matter. The importance of the period calls for a review of its history, and readings are assigned in Grote and other historians to be reported on by the students. The course comprehends lectures on the Greek dialects and advanced studies in the history of case, mode, and tense development. Prose composition as before.

Sophomore (Classical) required course. Three hours a week, first term.

3. EPIC POETRY. *Homer. The Iliad*. (Full text required.) The study of the text is preceded by a course of dictated lectures which aim at setting forth the Homeric question in its latest phase. The Iliad is then interpreted as a piece of literature in harmony with the conclusion of the latest Homeric scholars. Special study is made of the epithets, and by frequent word-reviews from the blackboard an attempt is made to fix the vocabulary. Each student is required with the aid of Gehring's Index to develop one or more subjects in Homeric antiquities.

Sophomore (Classical) required course. Three hours a week, second and third terms.

4. **THE ATTIC DRAMA.** *Æschylus* and *Sophocles*. The entire Junior year is devoted to the study of the Attic Drama. The course contemplates by means of lectures and assigned readings a complete survey of ancient Tragedy and Comedy in their origin and development, and their relation to the modern stage. Lectures on the Greek Theatre precede the study of the text.

Junior (Classical) required course. Two hours a week, two terms.

Euripides or *Aristophanes*. The students are permitted to choose between these authors.

Junior elective course. Two hours a week, third term.

5. *Demosthenes, De Corona*. The study includes the age. The decadence of the Hellenic spirit, as shown in civic life, literature, and art, is traced with the class. The course is intended to include, as far as possible, a survey of Greek civilization.

Senior elective course. Two hours during one term.

6. *Plato and Pre-Socratic Thought*. The Protagoras and the Phædo are the texts studied. The leading doctrines of Plato are analyzed and their relation to modern thought is pointed out. A parallel course of lectures in Pre-Socratic Thought, based on the fragments found in Ritter & Preller's *Historia*, is given.

Senior elective course. Two hours during two terms.

7. *The Lyric Poets*. Tyler's "Selections." The course comprehends, along with the interpretation of the poems, the origin and development of lyric poetry and its relation to Greek literature in general.

Senior elective course. Two hours a week, third term.

LATIN.

Professor BIKLE.

Allen and Greenough's Latin Grammar and Harper's Latin Dictionary are recommended. The Roman method of pronunciation is used. Exercises in Prose Composition are required at intervals through the course.

1. *Livy*. Selections from Book I., and the Hannibalian War in Books XXI. and XXII. Special attention is given to syntax and Livy's peculiarities of style. Roman History down to 200 B. C., is studied with care.

Freshman required course. Three times a week during the first term.

2. *Horace*. Odes, including a critical interpretation, and with special attention to Latin Prosody and the mythological and histori-

cal allusions of the text. Berens' Hand-book of Mythology is recommended.

Freshman required course. Three hours a week, second term.

3. *Cicero*. De Senectute, or De Amicitia. Drill in syntax, especially of the Latin subjunctive mode. Training, also, in reading Latin with expression.

Freshman required course. Three hours a week, third term

4. *Tacitus*. Annals or Agricola. A study of the history of the times along with the reading of the text.

Sophomore required course. Three hours a week, first term.

5. *Horace*. Satires and Ars Poetica. After reading some selected satires, the Ars Poetica is read and each student is required to prepare in writing an analysis of the poem.

Sophomore required course. Three hours a week, second term.

6. *Cicero* and *Pliny*. Letters, with numerous exercises in sight reading.

Sophomore required course. Three hours a week, third term.

7. *Quintilian*. Tenth Book. With summary and classification of the Greek and Roman authors. Informal lectures on Roman Literature.

Junior (Classical) required course. Two hours a week, first term.

8. *Juvenal*. Satires. With full explanations, and study of the private and social life of the Romans, followed by a short course in Roman Antiquities.

Junior (Classical) course, required the second term, elective the third. Two hours a week, both terms.

9. *Terence* or *Plautus*. The Andria of Terence or Captivi of Plautus. The *Dramatis Personae* are assigned to special members of the class and the parts rendered both in Latin and in English.

Senior elective course. Two hours a week, third term.

10. *Roman History*. A course of lectures covering the period from 200 B. C., to 200 A. D.

Senior elective course. Two hours a week for eight weeks, second term.

ENGLISH.

Professors HIMES, BIKLE and KLINGER.

1. *Rhetoric*. A. S. Hill's Principles of Rhetoric. Frequent exercises, oral and written, in the correction of faulty rhetoric apply the rules of the text-book. The inventive faculty is trained by the assignment of themes to be thought upon in the class room. The results are then compared, discussed and arranged within the recitation

hour. Ten or twelve of Bacon's Essays are analyzed to show the structure of brief expository writings.

Sophomore required course. Three hours a week, first term.

2. *English and American Literature*. These subjects are given in outline with text-books mainly for reference.

Sophomore required course. Three hours a week, third term.

3. *Shakespeare*. Five or six plays are studied, the principal characters are analyzed and the most important and suggestive passages are read and interpreted before the class. Papers are required on some of the topics.

4. *Milton*. Four or five books of the *Paradise Lost* are studied; the views of many commentators are examined and compared. Milton's conception of the material and spiritual universe is set forth and elucidated.

Junior required course. Two hours a week, third term.

5. *Anglo-Saxon*. The translation of easy prose is begun at the second or third recitation in this subject and sight reading is undertaken after four or five weeks. About five hundred lines of the poetry of Beowulf or Cædmon and other writings are read in the latter half of the term. Comparative Philology receives considerable attention in connection with this subject.

Junior elective course. Three hours a week, first term.

6. *Middle English*. Chaucer, or Old English Ballads. This study is intended to acquaint the student with the old forms of English. Connected with the recitations are brief talks on the structure, classification and development of languages and especially on word building.

Junior elective course. Three hours a week for six weeks, second term.

7. *Tennyson*. In Memoriam is read, the plan and the development of the thought are traced, and obscure expressions interpreted.

Junior elective course. Three hours a week for six weeks, second term.

Professor HIMES.

8. *Essays*. Two essays each term are submitted for examination and criticism. Special care is taken to secure originality of work, as well as clearness of thought and grace of diction. In order to cultivate a ready faculty in composition, exercises in impromptu essay writing are practiced at stated times.

Required course for the three terms of Freshman year.

Professor KLINGER.

9. *Elocution*. Two declamations are required each term and are expected to exemplify the principles acquired in the hours devoted to

technical study of elocution. These principles are inculcated by comment and criticism in connection with the speaking.

Required course. One hour a week during the whole of the Freshman year.

Professor BIKLE.

10. *Writing and Speaking.* The preparation of declamations, essays, orations and debates is continued from the beginning of the Sophomore onward to the end of the Senior year. Sometimes a subject is assigned to each member of a class with the requirement to present a discussion first in outline, then amplified. To secure greater carefulness on the part of the student, the written work is commonly read privately and criticised by the instructor.

Professor HIMES.

GERMAN AND FRENCH.

Professor WOODS.

FRENCH. Whitney's Brief French Grammar with Lessons and Exercises; Super's Preparatory French Reader; Enault, *Le chien du Capitaine*; Daudet, *Contes*; *Le Voyage de M. Perrichon*, Labiche et Martin; Dictation and Conversation.

Freshman required course. Two hours a week throughout the year.

GERMAN. 1. Whitney's Brief Grammar; Guerber's *Märchen und Erzählungen*; Storm's *Immensee*; Schiller's *Der Taucher*; Heyse's, *Das Mädchen von Treppi*; Exercises in German Composition based upon *Immensee*; Dictation and Conversation.

Sophomore required course. Two hours a week throughout the year.

2. Joynes Meissner's Grammar; Harris' Prose Composition; Schiller, *Wilhelm Tell*; Freytag, *die Journalisten*; Heyse, *Anfang und Ende*; Goethe, *Hermann und Dorothea*.

Lectures on Goethe and Schiller; Exercises in Dictation and Conversation.

Junior required course. Two hours a week throughout the year.

3. Goethe, *Iphigenie*; Freytag, *Doktor Luther*; Lyrics from Goethe, Schiller, Uhland and others; Goethe, *Faust*, Part I. C. A. Buchheim's Prose Composition; Lectures on German Literature; Oral Exercises and Dictation; Essays on assigned topics.

In connection with the Senior work a course in parallel reading is given. The private reading for 1901-2 will consist of: *The Life of Heine*, *Lyric Poems*, and *Die Harzreise*. It is recommended that this work be done during the vacation periods.

Senior elective course. Two hours a week throughout the year.

All students of German are requested to provide themselves with a good dictionary, such as Flügel's, Heath's or Whitney's.

HISTORY, POLITICAL SCIENCE AND LAW.

Professors HIMES, BIKLE and WOODS, and MR. MCPHERSON.

1. *European History*. Myers' Mediaeval and Modern History. Freshman required course.. Two hours a week during the year.

Professor WOODS.

2. *American Political History*. Johnston's American Politics, with references to Von Holst's Constitutional History, Schouler's History of the United States (1783-1865), Blaine's Twenty Years in Congress (1861-1881), McPherson's Hand-book.

Sophomore required Course. Three hours a week, second term.

3. *Political Economy*. F. A. Walker's Advanced Course. The theories of the text-book are brought, as often as possible, to the test of the student's personal observation and the true nature of the science is thus impressed. Problems for investigation are assigned to the members of the class, with direction to inquire into actual industrial and social conditions and operations.

Senior required course. Three hours a week for twelve weeks of the first term.

4. *Money and Banking*. Report of the Monetary Commission of 1898. Theories of money and credit are examined with illustrations from the financial history of the world and especially of the United States. Particular attention is given to present conditions and tendencies.

Senior required course. Three hours a week for six weeks.

5. *International Law*. Lawrence's International Law. Occasional lectures on special topics.

Senior required course. Three hours a week for the last twenty weeks of the year.

6. *Science of Government*. Bryce's American Commonwealth is used as a text-book. Free discussion of the author's views is encouraged; national and state constitutions are examined.

Senior elective course. One hour a week throughout the year.

2-6 Professor HIMES.

7. *Roman Law*. Morey's Outlines. After a careful study of the text-book, an essay is required from each member of the class on a subject assigned for special investigation.

Senior elective course. Two hours a week during the first term.

Professor BIKLE.

8. *Elements of Jurisprudence*. Lectures on the rights and duties of citizenship.

Senior course. At convenience during the second and third terms.

Mr. MCPHERSON.

CHEMISTRY.

Professor BREIDENBAUGH and Mr. STOVER.

1. *Elementary Inorganic Chemistry.* Lectures, laboratory work, quizzes and examinations. The student is expected, in addition to the outline of work provided, to have some approved reference book on Chemistry. This course covers the general principles of Chemistry with a study of the elements and their compounds. As far as time permits, attention is given to elementary Qualitative Analysis.

Junior (Classical) required course. Three periods a week throughout the year.

2. *Elementary Inorganic Chemistry.* Lectures, laboratory work and quizzes based on Remsen's Chemistry.

Freshman (Scientific) required course. Three periods a week throughout the year.

3. *Qualitative Analysis.* Lectures and quizzes on reactions and methods accompany the laboratory work.

Required course (Scientific). Two periods a week throughout the Sophomore and five periods the first term of Junior.

4. *Quantitative Analysis.* The first term is occupied with determinations of definite compounds, the second with mineral analysis.

Junior (Scientific) required course. Five periods a week during the second and third terms.

5. *Organic Chemistry.* Lectures, text-book work and quizzes illustrated in the laboratory.

Junior (Scientific) elective course. Three periods a week during the first and second terms. Also open as an elective to Seniors in the Classical course.

6. *Qualitative Analysis.* Similar to course 3.

Senior (Classical) elective course. Two to four periods a week throughout the year.

7. *Special Analytical Methods.* Water, milk, sugar, etc.

Senior (Scientific) elective course. Two to four periods a week throughout the year.

GEOLOGY AND MINERALOGY.

Professor BREIDENBAUGH.

1. *Geology.* Lectures, with reading references, principally to the works of Dana and LeConte, accompanied by quizzes and topical examinations. Each student is required to write at least one paper illustrating, from his own observations, the principles of inorganic Geology.

Senior required course. Three hours a week during the second and third terms.

2. *Mineralogy.* The crystal form and physical properties of minerals are studied by means of the mineralogical collection. Afterwards each student is required to determine at least seventy-five minerals by their blowpipe characteristics. This is followed by a brief course in Lithology and topographical Geology.

Senior elective course. Two periods a week throughout the year.

Physics. The principal facts in the various topics are discussed by lectures and reading references, with quizzes, examinations and the preparation of papers in which the student illustrates from familiar examples the subjects presented in the class room.

Required course. Three hours a week during the third term of Junior and the first term of Senior.

Botany. Class and field work in Systematic Botany. Each student is required to determine and mount specimens of at least fifty species of Phaenogams.

Sophomore required course. One period a week during the second half of the year.

BIOLOGY.

Professor STAHLEY.

This course extends as an elective through the Junior and Senior years. It is offered either to the classical, scientific or special course students. It aims to teach fundamental principles in the various branches which it includes.

The course is calculated to interest and profit any student of nature, whatever his future calling is expected to be. Those of our graduates, who during their course, have taken the biological studies here indicated, along with chemistry and physics, are admitted to the second year class of some of our best medical schools.

For those who do not have the study of medicine in view, the election is offered to take plant histology at the beginning of the second year, instead of human anatomy.

The course for either of the two years, is sufficiently complete, to make it profitable for the student to take up the work of any one year to the exclusion of the other, if limitations in time or means compel such an abbreviation. If other electives appeal stronger to him during his Junior year, it will not be too late, as a Senior, then to pursue either the first or second year's biological branches.

The work is carried on by lectures, demonstrations, quizzes, dissections, drawings, note taking on work done and stated written examinations. There is a well-lighted laboratory, provided with all needed instruments and apparatus, such as microscopes, microtome,

paraffine bath, incubator, etc. The branches are pursued in the following order :

JUNIOR YEAR.

1. *General Biology*, three periods a week for ten weeks. This branch acquaints the student with microscopic technique and general laboratory methods, whilst he studies selected types of plants and animals, taken from the lower forms of life, as these are best adapted to demonstrate essential characteristics. The purpose is to ascertain fundamental facts of structure and life processes, with the significant relationships in the two great kingdoms of organic nature.

2. *Zoology*, three periods a week for eleven weeks.

This continues the study of animal life and traces the forms in the order of their increasing complexity. A number of morphological types are dissected, thus affording an acquaintance with all the great phyla of animals in both the vertebrate and the invertebrate series. The principles of comparative morphology and physiology are particularly emphasized and relationships are traced.

3. *Mammalian Anatomy*, three periods a week for six weeks, followed by two periods a week for eleven weeks.

Here the mammalian type of animal is considered. The domestic Cat as a convenient example of a high-type mammal offers advantages for the detailed study of bones, muscles, blood vessels, brain and nerves.

SENIOR YEAR.

4. *Human Anatomy and Physiology*, three periods a week for twenty-one weeks.

Special attention is given to osteology, joints, ligaments and muscles. The separate parts of the skeleton, including a dis-articulated cranium, Tramond's preparations, consisting of real bony joints with accurately placed artificial ligaments, and Azou's dissectable manikin, provide ample facilities for this part of the work. In this, as in the other animal branches of the course, physiological processes are constantly discussed. It is expected soon to have the appliances to institute a course in practical laboratory physiology.

5. *Plant Histology*, offered as a substitute for human anatomy, for those not contemplating the study of medicine.

This course aims to trace the development of plants from the lower forms, as considered in the general biology course, to the Spermatophytes, with their higher organization. After a brief practical examination of plant organs, all the various tissues and fundamental systems of tissues are studied. In this work free hand sections are made from fresh or preserved material, and the tissues are isolated and studied

with the aid of proper reagents. A course of lectures on plant physiology is also given.

6. *Mammalian Histology*. Three periods a week for nine weeks.

With the aid of prepared microscopic slides, the student draws and studies the minute anatomy of the different tissues of the body, with their relationships in the different organs. Further than this he learns practically how to fix, harden, imbed, section, stain and mount the important tissues. A knowledge of practical methods in histological work is thus acquired.

7. *Embryology*. Three periods a week for eight weeks.

The principles of maturation and fertilization of the germ elements are considered. The stages of segmentation are observed in the ova of the Frog and Fish. The development of the Chick is studied. Entire mounts are made, as well as mounts of serial sections of the incubating egg, from the first hour of incubation to the fifth day, when the organs are practically all formed. This branch constitutes a fitting close to the course, as it exhibits the steps in the development of the individual animal, and also epitomizes the history of the animal kingdom in general.

PHYSICAL CULTURE AND HYGIENE.

Professor STAHLER.

1. *Sanitary Science*. Lectures. House, municipal, state and national sanitation in their varied and rapidly developing new features are dwelt upon with the idea of furnishing a comprehensive yet intelligible outline of the subject.

Senior elective course. One hour a week throughout the year.

2. *Physical Culture*. This end is sought under medical guidance in the Gymnasium during the college year from Nov. 1 to May 1. A physical examination of each student is made when he enters college and such kinds of gymnastic exercises are prescribed as seem indicated. The purpose is to encourage the promotion of health and physical vigor as necessary for successful mental application. Since much harm is often done by injudicious physical exercise, special effort is made to advise those who are suffering from defective bodily conditions how they may be helped by hygienic methods and the selection of forms of exercise particularly suited to their case.

BIBLICAL DEPARTMENT.

Professor HUBER.

1. *Old Testament History*. The books of Exodus, Numbers and Joshua, furnish the material to be mastered, which is the story of Israel from the departure out of Egypt through the wanderings in the

wilderness, to the entrance into Canaan and the conquest of its inhabitants. In connection with the Scripture text a manual of biblical geography and history is used.

Freshman required course. One hour a week throughout the year.

2. *Old Testament History*. Jewish History from the establishment of the Monarchy to the Division of the Kingdom. The biblical material is found in Samuel and Kings; the geographical and historical manual is continued.

Sophomore required course. One hour a week throughout the year.

3. *Biblical Study*. (a) Any part of the Old Testament the class may prefer. (b) The Gospel of Luke in Greek.

Junior elective course. Four hours a week during the third term.

4. *New Testament Study*. The privilege of selecting the books to be studied is accorded to the class. The Gospel of Luke is chosen this year.

Senior elective course. One hour weekly throughout the year.

5. *Hebrew*. Harper's "Method and Manual" and "Elements of Hebrew." The method adopted in these books is the Inductive and has been found well suited to its purpose.

Senior elective course. Two hours a week throughout the year.

GENERAL COLLEGE ORDERS.

EXAMINATIONS.

Examinations are held at the close of each term, or when a subject is finished. When a student is unavoidably absent from this examination, and his absence is excused by the Faculty, he is examined, at the discretion of the Faculty, either before leaving, or at the opening of the following term before entering his name on the roll of his class.

If a student be absent for some time from the Institution, he must on re entering, sustain an examination upon the studies to which his class has attended during his absence.

RECORDS.

A careful record of the attendance, scholarship and conduct of each student is kept; a general statement of which record is transmitted to parents or guardians at the close of each term.

DEGREES.

To members of the graduating class in full and regular standing diplomas are granted, conferring in the Classical Course the degree of *Bachelor of Arts*, and in the Scientific Course the degree of *Bachelor of Science*.

The degree of *Master of Arts* and *Master of Science*, according to the previously received Bachelor degree, is conferred, in course, on Bachelors of three or more years' standing, provided all applicants for this degree make application therefor to the Faculty, in writing, at least one week before the annual Commencement.

TERMS AND VACATIONS.

The annual Commencement is held this year on the third Wednesday of June. The first term begins on the first

or second Thursday of September, and continues fifteen weeks; the second term begins two or three weeks after the close of the first term, and continues twelve weeks; the third term begins one week after the close of the second, and continues eleven weeks, until the day of the annual Commencement. The intervening periods of two (or three), one and eleven weeks are devoted to the vacations.

It is highly important for students to be punctual in entering upon their duties at the beginning of the term.

Unexcused absences from recitations are counted as zeros upon the grades.

The attention of parents and guardians is especially called to the fact that absences from recitation, whether at the opening of terms, or at other times, are not excused except for sickness or imperative necessity.

EXPENSES.

The necessary expenses of the collegiate year, exclusive of books, clothing, furniture and traveling expenses, are as follows for each student :

	MINIMUM.	MEDIUM.	MAXIMUM.
Board for 38 weeks,	\$70 00	\$88 00	\$114 00
First term, { Tuition, \$12 00 } { Gen. Exp. 8 00 }	20 00	20 00	20 00
Second term, { Tuition, \$9 00 } { Gen. Exp. 6 00 }	15 00	15 00	15 00
Third term, { Tuition, \$9 00 } { Gen. Exp. 6 00 }	15 00	15 00	15 00
Room rent and heat (half room),	12 50	40 00	62 50
Gymnasium Fee,	6 00	6 00	6 00
Washing,	12 00	12 00	12 00
	<hr/> \$150 50	<hr/> \$196 00	<hr/> \$244 50

Board may be secured at prices varying from \$1.85 to \$2.50 a week in clubs; and from \$2.50 to \$3.00 in boarding houses. The average price paid during the first two terms of the present year was \$2.35.

A Fee of \$1.50 a term for contingent expenses is charged to students not rooming in college buildings.

All members of the Senior class, upon their entrance on the last session of their course of study, pay to the Treasurer, with their college bills, an extra fee of \$5, which is refunded in case of failure to graduate.

CHEMICAL LABORATORY CHARGES.

Students in the Scientific Course are charged a term fee of \$5.00 for the use of chemicals and general apparatus. Glassware and other apparatus of individual use are supplied at cost prices, each person being charged with each article received and credited with the same on its return in good condition. The expense for this item in the first outfit has been about \$7.00, after which with proper care, it need not exceed \$1.50 a term. Students in general chemistry pay, for the course, a desk fee of \$10 for the use of chemicals and apparatus, and the cost price for all articles broken; this need not exceed \$1.00 a term. The fee for supplies in elective Mineralogy is \$2.25.

Parents or guardians may intrust funds for students to any member of the Faculty, and the funds will be applied as may be required.

Tuition and other college dues for each term, must, in all cases, be paid in advance. No student will be allowed to recite with his class until he has shown the Professor a receipt from the College Treasurer, or a note stating that he has made some satisfactory arrangement with the Treasurer.

ROOMS AND HEATING.

Students are required to lodge in the college dormitories, special cases excepted.

Unless all the available rooms of the college are occupied,

there is no remission of the charge for room-rent, except to students whose parents reside in town.

Rooms becoming vacant can be assigned at any time, preference being given according to class, to be occupied after the removal of the former occupant, and, if the person to whom the rooms are assigned should so desire, the furniture in them shall be removed.

The charges for room-rent and steam heat for the several rooms, given below, are for full use of the room; if two students occupy a room they divide the expense. The annual charge is given first, and in parenthesis the division of this charge between the first, second and third terms of the collegiate year. E = East Division, M = Middle Division, and W = West Division, S = South College.

At \$25.00 (8.50, 10.75, 5.75): 4, 6, 8 E; 1 M; 4, 6 W.

At \$28.00 (9.50, 11.75, 6.75): 5, 7, 9 E; 5, 7 W.

At \$33.50 (11.00, 13.75, 8.75): 14, 15, 16, 17, 18, 19, 24, 25, 26, 27, 28, 29, 34, 35, 36, 37, 38, 39 E; 6, 11, 16, 19, 21 M; 12, 13, 14, 15, 20, 21, 22, 23, 28, 29, 30, 31 W.

At \$38.00 (13.00, 15.25, 9.75): 1, 3 E; 2 M; 1, 3 W.

At \$40.00 (14.00, 16.00, 10.00): 22, 23, 24, 25, 30, 31, 32, 33 S.

At \$42.50 (14.50, 16.75, 11.25): 10, 11, 12, 13, 20, 21, 22, 23, 30, 31, 32, 33 E; 3, 4, 5 M; 8, 9, 10, 11, 16, 17, 18, 19, 24, 25, 26, 27 W.

At \$44.75 (15.50, 18.00, 11.25): 9, 17, 22 M.

At \$45.00 (15.00, 18.00, 12.00): 26, 27, 28, 29 S.

At \$50.00 (17.00, 20.00, 13.00): 20, 21, 34, 35 S.

At \$53.00 (19.00, 20.75, 13.25): 8, 10, 12, 14, 18, 20 M.

At \$75.00 (26.00, 29.00, 20.00): 1, 2, 3, 4, 5, 6, 7, 8 S.

At \$90.00 (32.00, 36.00, 22.00): 10 and 12, 11 and 13, 15 and 17, 16 and 18 S.—suites of two.

At \$125.00 (43.00, 50.00, 32.00): 9, 19, S.—suites of three.

Rooms 3, 4, 5, 8, 10, 12, 14, 18 and 20 M, include a large study and a good sized bed room. Even numbers, except 22, are on the north side of the building.

GRADUATE COURSES.

Provision is made for those who desire to pursue a graduate course of study leading to the degree of *Doctor of Philosophy*, on the following conditions :

1. Only those who have received Bachelor degrees equivalent to those given in this College, are eligible candidates.

2. The studies must be pursued under the direction of the Faculty. At least one year's residence in the case of graduates of this Institution and two years' residence in case of graduates from other institutions will be required. Residence during which professional studies are also being pursued will not be accepted.

3. In the case of non-residents, reports of progress must be made to the Professors in charge of the department in which studies are being pursued, and examinations will be made in such manner and as frequently as the Professors may direct.

4. Not less than three years' work will be required.

5. At the close of the course a satisfactory thesis showing evidence of original investigation must be submitted.

6. The following subjects are open for selection. Each applicant must select one as a major subject and two as minor subjects. Those marked (*min.*) can be chosen only as minor subjects :

Psychology ; Moral Science ; Natural Theology, (*min.*) ; Evidences of Christianity (*min.*) ; Greek ; Latin ; German ; French ; English Literature ; History ; Political and Social Science ; Mathematics ; Chemistry ; Mineralogy ; (*min.*) ; Geology ; Botany (*min.*) ; Physics and Astronomy.

7. A registration fee of \$25 is charged at the beginning and an examination fee of \$50 at the end of the course.

8. Failure to report progress for examination during as long a period as two years will cause the name of the candidates to be dropped from the printed list.

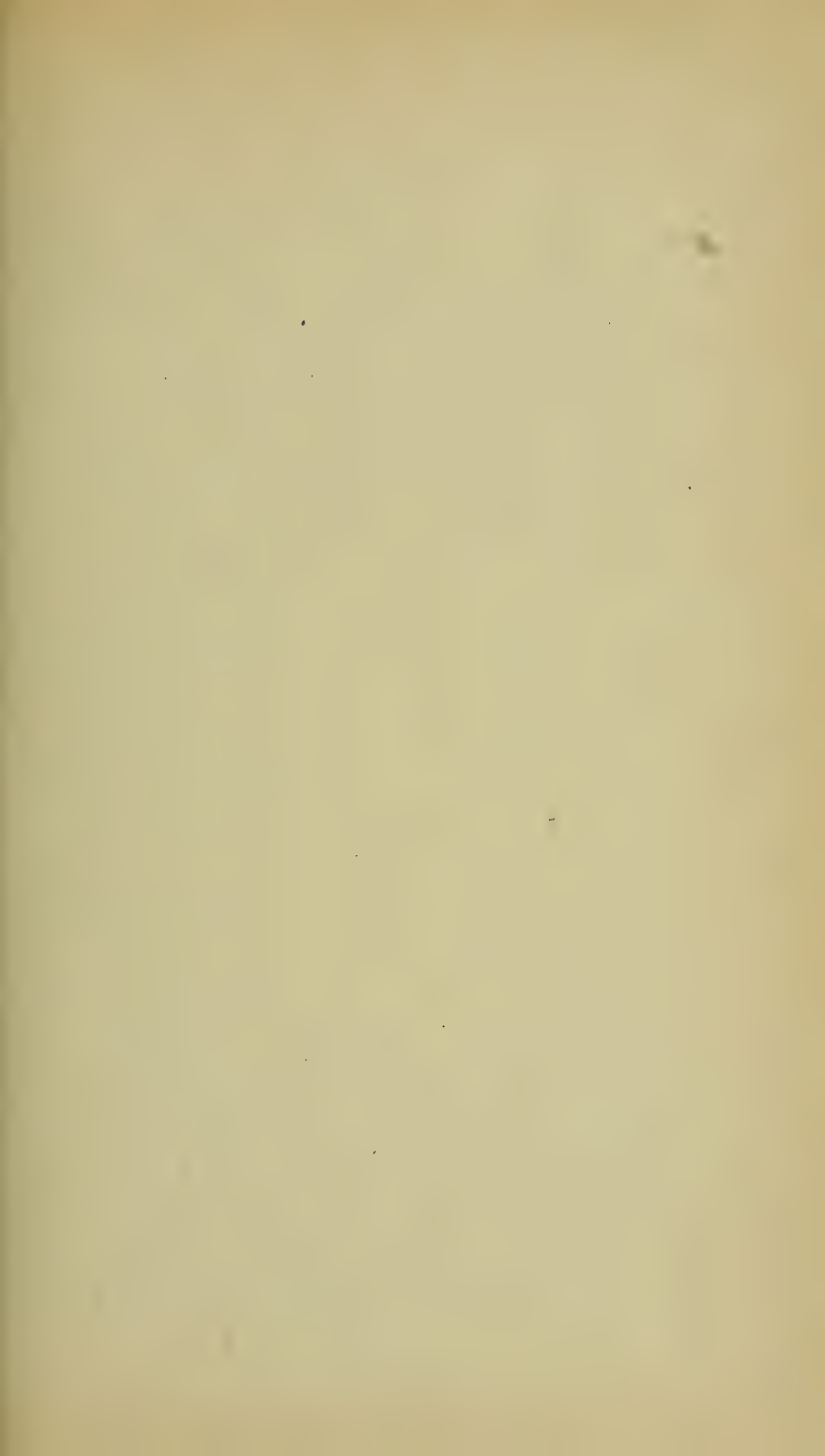
EQUIPMENT.

MUSEUM.

The museum contains varied collections of fauna and flora and minerals, all of which are freely used in instruction. The Mineralogical Cabinet contains over 6,000 specimens, including not only very full suites of the more common and more important minerals but also good specimens of many of the rarer minerals. The collection in Lithology numbering 3,000 specimens and of iron in Metallurgy have, by recent additions, become fairly representative in the most important departments of these sciences. The Botanical Collection of 6,000 specimens, mainly presented by Miss Elizabeth C. Morris, of Germantown, Pa., is well arranged and contains a full representation of American Flora. A beginning has been made of a Chemical Museum—to contain specimens of raw and manufactured materials in chemical industries. Friends of our Institution can greatly aid us by additions to these collections.

LITERARY SOCIETIES.

Two literary societies are connected with the College, the Phrenækosmian and the Philomathæan. These exert a favorable influence in the intellectual and social culture of their members. The exercises consist of music, essays, orations and debates. The practical acquaintance with parliamentary law here formed makes these societies the best





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schools for free citizenship. The halls occupy two wings on the third story of the Recitation Hall, and are conveniently and handsomely furnished. Their sessions are held every Friday evening.

A reading room, managed by these Societies and the Y. M. C. A. contains a great variety of periodical literature.

LIBRARIES.

The College library, to which all the students have access without charge, contains many works of reference. During term time the Library is open for consultation and the drawing of books four hours each week day, except on Saturday when it is open for two hours.

The income of a fund invested for the purpose provides for frequent additions of the best publications. During the past year the Rev. Geo. Frank Snyder, of the class of 1891, contributed \$100 for the purchase of books in political and social science.

The Libraries of the Literary Societies comprise a large number of well selected and standard volumes, which are annually increased through the income of separate funds.

These libraries are accessible to the members of the Societies under their respective regulations, and are open for the issue of books on Wednesday at 4 P. M. and Saturday at 10 A. M. during term time. They are in the same hall with the College Library. In addition to several thousand partly classified but unbound pamphlets

The College Library contains	13,065	volumes.
The Philomathæan Library contains	6,317	"
The Phrenakosmian Library contains	5,623	"
	<hr/>	
	25,005	

SCHOLARSHIPS.

A number of permanent scholarships, securing free tui-

tion, have been endowed and are under the control of synods, congregations, or individuals. C. W. Thompson, Esq., of Lancaster has established a scholarship for the purpose of giving the benefit of a collegiate education to the most successful and indigent pupil who shall pass through the prescribed course in the High School of Gettysburg.

PRIZES.

MUHLENBERG FRESHMAN PRIZE.—The interest of a fund of five hundred dollars, contributed by Prof. F. A. Muhlenberg, D. D., LL. D., is given at the close of the year to that member of the Freshman Class who, upon examination, is found to have attained the highest degree of scholarship in the studies of the Classical course.

BAUM MATHEMATICAL PRIZE.—Charles Baum, M. D., Ph. D., of Philadelphia, has contributed five hundred dollars, the income from which is to be annually given to that member of the Sophomore Class who shows the greatest proficiency in Mathematics.

HASSLER LATIN PRIZE.—Mr. Charles W. Hassler has furnished a fund, the interest of which is annually expended for the purchase of a Gold Medal, to be presented to the student of the Junior Class, who, at the end of the year, shall be the best Latin scholar.

REDDIG ORATORICAL PRIZE.—Mr. Clarence Jacob Reddig, of Shippensburg, contributes annually the sum of twenty-five dollars as an Oratorical Prize, to be contended for in public, by the Junior Class, on Tuesday of Commencement week.

GRAEFF PRIZE.—This prize was founded by Mr. John E. Graeff, of Philadelphia. The sum of \$30 is awarded for the best English essay from the Senior Class, on a subject previously assigned. The decision is made by a committee appointed by the Professor of English Literature.

GIES PRIZES IN COMPOSITION.—William J. Gies, Ph. D., of Columbia University, has established three prizes of \$35, \$25, and \$15, respectively, for the encouragement of work in English Composition. Three productions will be required from each competitor and will be due, respectively, October 15th, February 1st, and April 1st. These prizes are open to all classes, though recipients of the first prize are excluded from further competition.

Students in special courses are not admitted to competition for any of the foregoing prizes.

BUILDINGS.

PENNSYLVANIA HALL, erected in 1836–38, was remodeled and improved in 1889. It contains eighty-six rooms for students, many of them *en suite*, so that those who may wish to do so can have separate study and sleeping rooms. In this building are the reading rooms of the Literary Societies and the large room used by the College Y. M. C. A. These rooms are heated by steam, and water pipes connected with the town system of water works are on the first floor.

SOUTH COLLEGE, erected in 1897, is a building of three stories containing rooms for about fifty students. It is finished entirely in hard wood, is heated with steam, has hot and cold water on each floor and lavatories in convenient places. The first floor has eight rooms, each with open fire places, tile hearth and spacious closets. These rooms may be used by one or two occupants, as preferred. On the second floor all rooms are *en suite*, each suite consisting of a study with one bedroom or two. These are also provided with hearths, closets, etc. The third floor is divided into sixteen single rooms.

THE RECITATION HALL, erected in 1888–89, is used for general college purposes. On the first floor are the library room and office, the President's office, the reception room,

and recitation rooms. The second floor has recitation rooms. The third floor has in the front centre a large museum room with valuable collections. In the rear centre are a mineralogical laboratory and suite of rooms fitted up for use as an infirmary, if they should be needed. In the north wing is the hall of the Philomathæan Society, in the south wing the hall of the Phrenakosmian Society. In the basement are rooms designed for a physical laboratory.

THE BRUA MEMORIAL CHAPEL, erected in 1889-90, is the gift of the late Col. John P. Brua, U. S. A., as a memorial to his parents. This building is used for morning prayers, for Commencement exercises, lectures, and other occasions requiring a large audience room.

THE CHEMICAL LABORATORY is a frame building, erected in 1872 and in 1890 converted to its present use. It contains on one floor a large lecture room, an office, store rooms, chemical room, balance room, and two laboratories—one for general chemistry, with desk room for forty-eight students, the other for analytical chemistry with desk room for forty-eight students. The building is fitted with the most approved appliances; gas and water are at each desk; there are ample hoods, a water distilling apparatus and large sand bath, and other necessary apparatus. The balance room contains balances set on walls especially built for them. In the basement are an assay room and a store room.

THE ASTRONOMICAL OBSERVATORY, erected in 1875, is furnished with an achromatic telescope, having an object glass of six and one-half inches, with a transit instrument, chronometer, and other appliances.

THE GYMNASIUM has on the first floor ample dressing rooms and bathing facilities, and a base ball cage. On the second, or main floor, a class of sixty members can be accommodated for gymnastic drill. The selection of special-

ized apparatus in light and heavy gymnastics is varied and complete. The Professor's office, where all the physical tests and measurements are taken, is also on this floor, and is furnished with a full set of anthropometric apparatus.

On the gallery there is a first-class "Robert's patent" running track with seating accommodation for visitors.

The gymnasium is open at stated times every afternoon and evening and Saturday all day, aggregating twenty-four hours each week, apportioned between regular class practice and general practice.

Athletic sports are encouraged, but under such regulation as, it is believed, prevent them from becoming a source of demoralization to the students, or interfering with the legitimate work of the Institution. A student who has not first secured the permission of his parents, is not allowed to engage in any public contest.

ATHLETIC FIELD. Immediately north of the college buildings is the athletic field, which is carefully graded and securely inclosed, and covers an area of over four acres. It affords room and facilities for all kinds of out-door sports.

THE BOILER HOUSE supplies the steam required for heating all the college buildings, and has capacity for more.

Besides these buildings there are on the campus the President's house, a double house for Professors, and four halls erected by Greek Letter Societies.

A fair valuation of the several buildings is:

Pennsylvania Hall,	\$38,000
South College,	20,000
Gymnasium,	14,000
Stevens Hall,	20,000
Chemical Laboratory,	10,000
Observatory,	3,500
Recitation Hall,	86,000

Brua Chapel,	19,000
Other buildings, not including fraternity halls, .	14,000
Steam and water plants,	25,000
	<hr/>
	\$249,000

In addition, the libraries, scientific apparatus, scientific collections and furniture are worth at least \$75,000. These estimates do not include the value of the improved campus.

NEEDS OF THE COLLEGE.

The friends of the College may desire information as to its most pressing needs. Provision should be made for additional teaching force and apparatus in the following departments :

The Department of Physics.

The Department of Biology.

The Department of Applied Mathematics.

The Department of Philosophy and History.

The Department of Rhetoric and Elocution.

The Library Fund and the General Endowment Fund should be increased.

GENERAL ALUMNI ASSOCIATION.

The Alumni Association of Pennsylvania College holds its regular annual meeting on Tuesday evening of Commencement Week. In 1876 the Board of Trustees granted the Association the privilege of nominating six of their number to membership in the Board, to fill alternate vacancies till the whole number is secured.

The officers of the association are : President, Charles S. Duncan, Esq., class of '82 ; Vice Presidents, Rev. Luther S. Black, class of '88, Matthew G. Boyer, D. D., class of '65. Rev. Prof. Thomas B. Birch, class of '91 ; Secretary, Prof. J. A. Himes, class of '70 ; Treasurer, Mr. H. C. Picking, class of '79.

COLLEGE PERIODICALS.

The *College Mercury*, published monthly in term time under the control of the Literary Societies, is a literary journal sustained by the contributions of students and alumni. *The Gettysburgian*, under private control of students, is published weekly and makes a specialty of college and town news. *The Spectrum*, an annual publication of the Junior Class, contains pictorial representations of the College with its various organizations and surroundings as well as useful statistics about students and alumni. All aim at enlarging the means of communication between the College and its graduates, former students and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the Institution.


CONTINGENT FUND.

Under the recommendations of the various Synods, the congregations on the territory of Pennsylvania College several years ago began a plan of taking up, on the Day of Prayer for Colleges, a special collection for the contingent expenses of the College. The money thus collected has been spent largely in improving the campus.

The attention of School-boards and others desiring teachers is called to the fact that it is frequently in the power of the Faculty to recommend suitable persons. Our graduates fill many important positions in public and in private institutions.

FORM OF BEQUEST.

I give, bequeath and devise to "The Trustees of Pennsylvania College, of Gettysburg, in the County of Adams," in the State of Pennsylvania, and their successors and assigns forever, the sum of —— (or shares in the bank of ——, or any other personal property or real estate, as the case may be), to be applied to the Endowment Fund of the Institution.

 *A bequest to a benevolent corporation, to be legal, must be made at least 30 days before the death of the Testator, in Pennsylvania, and 60 days in New York.*



PREPARATORY DEPARTMENT.

AIM OF THE DEPARTMENT.

Stevens Hall is located within two minutes walk from Pennsylvania College. The object of its foundation, which the school has steadily kept in view, was to present to the public AN ACADEMY UNDER THE CONTROL OF COLLEGE AUTHORITIES. The advantages of such a combination are obvious. To students who desire to prepare for college it offers a course of preparatory instruction under the eyes of their future Professors and in the line of the college requirements. The school, being open at all times to visits from the instructors in the College, and receiving from time to time their counsel, is able to give to those students who desire it just that preparatory study and drill which will lead to the most profitable and creditable work in the college classes. Time is concentrated upon the studies in which it is needed, and STUDENTS WHO HAVE SATISFIED THE REQUIREMENTS IN THE PREPARATORY DEPARTMENT ARE ADMITTED TO THE FRESHMAN CLASS OF THE COLLEGE UPON THE PRINCIPAL'S RECOMMENDATION WITHOUT FURTHER EXAMINATION. On the other hand, students who do not expect to enter College, and who desire only an English education, preparatory to business, teaching, etc., may find in this school an academy of high grade under the supervision of College Professors, in a college atmosphere, and with free access to the college libraries. Near association with a college is a stimulus to study, and often awakens a desire for a higher education.

GOVERNMENT.

The Preparatory Department, though under the control of the College authorities, has a separate building of its own, and is under the special direction of a Principal who gives to it his whole time in the work of instruction and supervision. He is aided by three assistants.

The school seeks to develop intelligent Christian gentlemen. The discipline aims at making the pupil SELF GOVERNING, and at leading him to habits of self respect and self-control by training the judgment, quickening the conscience, and cultivating a delicate sense of honor.

When it is evident that a pupil has no proper appreciation of his opportunities, and is harming the school rather than receiving benefit from it, his parents are asked to remove him.

During study hours students are expected to be in their rooms, which are subject to frequent visits by instructors.

ADMISSION.

Students are admitted at any time to the grade for which they have been qualified by previous study. But it is highly important that the student enter the school as early in the course as possible. With the present high requirements for admission, a hurried preparation is generally unwise and tends to embarrass the student's future progress, especially in Latin and Greek. Accurate, technical scholarship, at which the school aims, can hardly be secured without long drill, especially in the languages. Without intending at all to discourage those whose circumstances, rather than their desire, lead them to attempt short preparation, all who can are urged TO LAY THE FOUNDATION CAREFULLY. An additional year of time at the beginning is always a gain in the ease and success with which future work is done. The

fact, however, is recognized that students differ widely in ability and industry, and every opportunity is afforded those who can do so to cover the required work in a shorter time.

No examinations are required for admission, the pupil being at once assigned to the class for which his previous studies seem to have fitted him. If, upon trial, it be found that a mistake has been made, the Principal reserves the right to transfer the student to the proper grade.

Students who have advanced sufficiently in Mathematics and the English branches to enter the Freshman class, but have not studied Latin or Greek, will here find special arrangements made for their rapid advancement. Girls will be received as day scholars. A study hall has been reserved for their exclusive use and they are not obliged to mingle with the general class except at regular recitation periods. When at school they are under the care of a lady superintendent. Refined homes for them can be secured in town at moderate rates. They will be under the care of the Principal who will be fully informed of their conduct.

RELIGIOUS EXERCISES.

On Sunday morning the students of the Preparatory Department are required to attend worship with the College instructors and students in the College Church, or in such other place of worship as their parents or guardians may designate. A Bible class is conducted by the Principal every Sunday morning and is a part of the regular course of study. Chapel service is held every morning except Saturday.

COURSE OF STUDY.

The course of study is designed to prepare students of either sex, who desire to enter college, for the Freshman class, and to give students who do not expect to enter college, so far as it can carry them, a wide intelligence, true

culture, and habits of careful and sound thinking. New and important subjects have been added, and increased attention is given the lower classes. All students of the school have free access to the College Library, and students over fifteen years of age may join either of the College Literary Societies. There is also a Literary Society conducted by the students of the Department.

There is no musical course in the school, but arrangements for instruction at moderate terms may be made in the town without conflict with school work.

A report of the work and conduct of each student is sent home at the end of each term, and at any other time upon request or when the Principal thinks it desirable.

There are two courses, the Classical (with Greek), and the Scientific or Academic (without Greek). The subjects taught are as follows :

LATIN.

Junior Class. Instruction in the essentials of the language. Translations of short stories, fables, dialogues. The writing in Latin of simple sentences. Drill on vocabulary.

Middle Class. Review of Latin in Comstock's Lessons. *Viri Illustres Romae*, with continuous drill in the grammar; analysis of words and sentences; prose composition based on the text.

Sub-Freshman Class. Cicero's Orations, first three against Catiline, with sight translation of advance passages; drill in syntax; prose composition based upon Cicero. Vergil's *Æneid*, I-III., with study of Latin Prosody; Mythology.

GREEK.

Middle Class. White's Elements; complete survey of the language with syntactical analysis of first eight chapters of Xenophon's *Anabasis*; study of word-formation, rules of syntax, historical allusions; special drill on vocabulary.

Students in the Scientific course take Physics and Physiology instead of Greek.

Sub-Freshman Class. Xenophon's *Anabasis*, I-III., with continu-

ous drill in grammar and Attic forms. Translation at sight of book V., with special study of moods and tenses.

Students in the Scientific Course will take Physical Geography and History instead of Greek.

Students who are prepared for college in all the other entrance requirements will be allowed to concentrate upon Latin, Greek and Mathematics, and a special class will be organized for their benefit.

MATHEMATICS.

Junior Class. Arithmetic to percentage; analysis of numbers; notation; special drill in Fractions, including Decimals.

Middle Class. Arithmetic completed, with the Metric system; Commercial Arithmetic. Wells' Elements of Algebra through Fractions.

Sub-Freshman Class. Algebra completed, with special drill in the Equation. Drill in Geometrical Figures with Kitchener's Note Book as a guide. Phillips and Fisher's Geometry, I-III; solution of original problems.

HISTORY.

Junior Class. Eggleston's History of the United States; study by questions on the text, and by epochs. Frequent tests in writing.

Middle Class. Montgomery's History of the United States.

Sub-Freshman Class. Grecian and Roman History with attention to social customs, education, literature, thought and art. Reading from standard works in history and biography.

English and French History for students in the Scientific Course.

ENGLISH.

Junior Class. English Grammar. Reading. Spelling. Punctuation; use of capitals. Writing from dictation. Letter writing.

Literature: Dr. Brown's Rab and His Friends, Hughes' Tom Brown's School Days, Kingsley's Heroes, and Westward Ho, Hawthorne's Wonder Book, Burroughs' Birds and Bees, Irving's Sketch Book.

Middle Class. Buehler's English Grammar. Reading, recitation, composition and declamation. Spelling, punctuation, capitals. Narration and description. Study of outlines.

Literature: Church's Story of the Iliad, Cooper's Last of the Mohicans, Longfellow's Miles Standish and Evangeline, Dickens' Christmas Carols, Tennyson's Enoch Arden.

Sub-Freshman Class. Syntactical analysis. Buehler's Practical

Exercises. Study of the paragraph; figures; types of style. Abstracts and outlines. Declamation. Composition.

Literature: Macaulay's Essay on Frederick the Great, Sir Roger de Coverley papers, Scott's Ivanhoe and Lady of the Lake, Hawthorne's Scarlet Letter, Eliot's Silas Marner, Tennyson's Idylls of the King, De Quincey's The Flight of the Tartars.

NATURAL SCIENCE.

Junior Class. Geography, Industrial and Political, with map drawing. Natural History; survey of the Mineral, Vegetable and Animal Kingdoms.

Middle Class. Cooley's Physics. Physiology with direct reference to Hygiene.

Sub-Freshman Class. Physical Geography. Natural laws and forces.

BUSINESS.

A course of instruction is given in Book-keeping when desired. This course is intended to fit young men for a business career.

PHYSICAL EXERCISE.

The building is surrounded with large and pleasant grounds adapted to foot-ball, base-ball, tennis, and other out-door sports; and in addition to this the students enjoy all the privileges and instruction of the College Gymnasium.

BUILDINGS AND ROOMS.

The building, located on a slight eminence north of the town, is heated throughout by steam. It has recently been thoroughly repaired and renovated. The rooms on the third floor are now arranged *en suite* with a broad archway separating the study and sleeping apartments. On the second floor the rooms are separate. The plaster and wood-work has been renewed and repainted and the building neatly papered throughout.

The rooms have been refurnished with heavy oak wardrobes, book cases, wash-stands, tables and chairs. Iron enameled beds complete with springs and mattresses are also provided. Two students occupy two rooms, one for studying, the other for sleeping. The rooms are furnished with two single bedsteads, mattresses, chairs, table, book-case, clothes-closet, window curtains and wash-stand. The other articles needed for the rooms, and *to be furnished by the occupants*, are as follows: Wash-bowl and pitcher, mirror, lamp, oil-can, slop-pail and carpet. The carpet for a third floor study room is $10\frac{1}{2}$ by $10\frac{1}{2}$, sleeping room $10\frac{1}{2}$ by 11, for a second floor study room 10 by $12\frac{1}{2}$. Each student must also be provided with towels, three sheets for single bed, two pillow slips, a spread, comforts and blankets, and a feather pillow.

EXPENSES.

	FALL TERM. 15 WEEKS.	WINTER TERM. 12 WEEKS.	SPRING TERM. 11 WEEKS.
Tuition,	\$12.00	\$9.00	\$9.00
Room-rent and Use of Furniture,	8.25	7.00	7.00
Steam Heat,	3.60	4.20	1.80
Gymnasium Fee,	2.00	2.00	2.00
Incidentals,	5.00	5.50	4.50
	<hr/> \$30.85	<hr/> \$27.70	<hr/> \$24.30

Students do not board in the building, but in clubs and private families at a cost of from \$1.80 to \$3.00 a week. Washing is \$1.25 a month. A deposit of one dollar will be required at the beginning of the year to insure the return of keys and the proper care of the room. This will be returned to the student at the end of the year if no damage has been sustained. Students who do not room in the building are not charged for room-rent or for heating.

All bills with the Institution must be paid at the beginning of each term. Money entrusted to the Principal for the use of the students will be expended as desired.

A TEACHERS' COURSE

is conducted during the Spring term.

The course, recognizing the existence of a science and an art of education which imposes the duty of preparation on those who would teach, desires first of all to afford an opportunity to make a helpful, practical study of some of the essential principles which underlie and actuate true teaching. To the accomplishment of this end daily work will be given in the Theory and Practice of Teaching. This work, by means of recitations, discussions, talks, etc., will point out the practical bearings of the History of Education, Psychology and School Management on the every-day duties and privileges of the school room. Mr. A. B. B. Van Ormer, a graduate in pedagogy, will have charge. Experienced teachers will be employed in addition to the regular corps.

But the course, while laying emphasis on the professional side of a teacher's preparation, also duly recognizes the paramount importance of a thorough knowledge of the subject-matter to be taught. Consequently daily recitations will be conducted in all the "common school" branches. In the presentation of these subjects the "topical method" will be followed which admits of the use of *any* standard text-book.

Students in this course are allowed the use of the College library, equipment, &c. Dr. Stahley, Professor of Hygiene and Physical Culture, will deliver several illustrative lectures to the class in Physiology. The Astronomical Observatory with its fine large telescope will be used in personal observation and study of the solar system in its relation to the geography of the earth.

During the term several general tests will be held preparatory to the regular county examination.

Any person taking the course may study Book-keeping,

Algebra, Geometry, Latin, Greek, etc., without additional charges for tuition.

The tuition for the term of eleven weeks is . . . \$13.50.

This fee includes the entire course, there being no extra charges for additional branches.

Board can be secured at very moderate rates. See p. 47.

Term begins April 3.

Term closes June 19.

For further information address

REV. CHARLES H. HUBER, A. M.,

Principal.

REGISTER OF STUDENTS. COLLEGIATE DEPARTMENT.

NOTE.—* indicates Scientific Course, † Special Course.

SENIOR CLASS.

Joseph Baer Baker,	<i>Lititz,</i>	28 E.
Arthur Nicholas Bean,	<i>Riegelsville,</i>	36 E.
Joseph Miller Bordy,	<i>Girardville,</i>	27 S.
David Clark Burnite,	<i>Harrisburg,</i>	34 S.
Henry Schwartz Crouse,	<i>Littlestown,</i>	20 E.
Michael Calvin Dinger,	<i>New Maysville,</i>	1 S. Stratton St.
George Horine Easterday,	<i>Jefferson, Md.,</i>	18 M.
George Henry Eveler,	<i>Middletown,</i>	24 E.
William Freas,	<i>Baltimore, Md.,</i>	11 E.
Victor Frey,	<i>York,</i>	23 E.
Samuel Ward Gramley,	<i>Spring Mills,</i>	10 W.
Luther Wagner Gross,	<i>Muncy Station,</i>	18 E.
David Seymour Hafer,	<i>Lemasters,</i>	15 W.
Herbert Hollinger Hartman,	<i>Baltimore, Md.,</i>	25 S.
Percival Seitz Heintzelman,	<i>Fayetteville,</i>	15 and 17 S.
William Henry Hetrick,	<i>Harrisburg,</i>	9 M.
Harry Clyde Hoffman,	<i>Jenners,</i>	12 M.
Emily Berluchy Horner, ✓	<i>Gettysburg,</i>	39 Chambersburg St.
Melville Titus Huber,	<i>Gettysburg,</i>	101 Springs Ave.
Hiram Harpel Keller,	<i>Bedminster,</i>	11 and 13 S.
Paul H. Kettermann,	<i>Glenville,</i>	32 E.
William Andrew Kohler,	<i>Port Royal,</i>	14 S.
Joseph David Krout,	<i>York,</i>	26 E.
*Palled Bertram Krout,	<i>York,</i>	26 E.
Harry Austin Lantz,	<i>Harrisburg,</i>	9 M.
George Frederick Leffler,	<i>Millersburg,</i>	35 E.

William Gideon Leisenring,	<i>Chambersburg,</i>	1 S.
Charles Leonard,	<i>Cohansey, N. J.,</i>	23 W.
John Calvin McCarney,	<i>Gettysburg,</i>	136 Carlisle St.
John Weigle Mehring,	<i>Littlestown,</i>	19 E.
*Ardashes Hagop Merdinyan,	<i>Iconium, Asia Minor,</i>	5 E.
Warren Anson Moser,	<i>Conshohocken,</i>	13 E.
Philip Hiram Ribald Mullen,	<i>Baltimore, Md.,</i>	28 W.
George Washington Nicely,	<i>Montoursville,</i>	7 M.
Alexander Hay O'Neal,	<i>Gettysburg,</i>	306 Baltimore St.
Harry Hartzell Penrod,	<i>Johnstown,</i>	29 E.
*Mahlon Richardson Raby,	<i>Waynesboro,</i>	129 Carlisle St.
Henry Sylvester Rhoads,	<i>Somerset,</i>	10 M.
Edward Ray Richards,	<i>Zanesville, O.,</i>	202 N. Stratton St.
John Roy Richards,	<i>Zanesville, O.,</i>	202 N. Stratton St.
*Frank Croughten Rugh,	<i>Pittsburg,</i>	9 S.
Albert Harvey Shoup,	<i>Greensburg,</i>	21 E.
Charles Milton Altland Stine,	<i>Harrisburg,</i>	22 S.
Richard Baxter Stock,	<i>Hanover,</i>	8 M.
Jacob Rush Stoner,	<i>Lemasters,</i>	29 W.
Samuel Brooke Stoner,	<i>Hanover,</i>	13 E.
Benjamin Van Doren, Jr.,	<i>New Germantown, N. J.,</i>	27 and 29 S.
*Samuel Alfred Van Ormer,	<i>Schellsburg,</i>	16 St.
Joseph Melanchthon Weber,	<i>Mechanicsburg,</i>	16 W.
Charles Wesley Weiser,	<i>Millheim,</i>	3 E.

Seniors 50.

JUNIOR CLASS.

Samuel Willard Ahalt,	<i>Burkittsville, Md.,</i>	14 M.
*Harry George Amick,	<i>Philadelphia,</i>	5 S.
Ira Bruce Amick,	<i>Philadelphia,</i>	5 S.
Allen Franklin Basehoar,	<i>Gettysburg,</i>	Chambersburg Road.
Walter John Bickel,	<i>Pittsburg,</i>	21 S.
Emory David Bream,	<i>Gettysburg,</i>	122 Chambersburg St.
Martin Luther Clare,	<i>Abbottstown,</i>	28 E.
Paul Gerhardt Cressman,	<i>Lewistown,</i>	11 E.
Silas Harman Culler,	<i>Jefferson, Md.,</i>	22 M.

†Frank Woodhull Daniel,	<i>Webb City, Mo.,</i>	9
Mark Kurtz Eckert,	<i>Gettysburg,</i>	Centre Square, N. W.
Frank Speck Fite,	<i>Pittsburg,</i>	17 W.
Wilbur Henry Fleck,	<i>Culp,</i>	31 S.
John Trauger Fox,	<i>Philadelphia,</i>	37 E.
Luther Eugene Henry,	<i>Blain,</i>	7 E.
Frederic Arnold Hightman,	<i>Burkittsville, Md.,</i>	11 W.
Benjamin Franklin Hohenshilt,	<i>Centre,</i>	20 M.
Carl Stichter Karmany,	<i>Lebanon,</i>	7 S.
Martin Schaeffer Karmany,	<i>Lebanon,</i>	7 S.
John Gelwicks Koser,	<i>Arendtsville,</i>	11 W.
Milton Ralph Long,	<i>Fayetteville,</i>	11 and 13 S.
David Sylvester Martin,	<i>Hanover,</i>	39 E.
David Montfort Melchior,	<i>Springtown,</i>	127 York St.
John Franklin Newman,	<i>Fayetteville,</i>	15 E.
William Cramp Ney,	<i>Harrisburg,</i>	28 S.
Reese St. Clair Poffenbarger,	<i>Rohrersville, Md.,</i>	33 S.
W. Harrison Winfield Reimer,	<i>Stone Church,</i>	17 E.
Arthur Bean Richard,	<i>Lovettsville, Va.,</i>	20 W.
William M. Robenolt,	<i>Fayette, N. Y.,</i>	6 M.
Henry Calhoun Rose,	<i>Cumberland Valley,</i>	33 E.
Edward Clayton Ruby,	<i>Gettysburg,</i>	Centre Sq., N. W.
Menno Sharp,	<i>Brickerville,</i>	30 E.
James Arthur Smyser,	<i>Dillsburg,</i>	9 W.
*William Griffith Smyser,	<i>Dillsburg,</i>	9 W.
Charles Clarence Storrick,	<i>Gettysburg,</i>	21 York St.
*Annie Martha Swartz,	<i>Marion,</i>	308 Baltimore St.
*James Donald Swope,	<i>Gettysburg,</i>	206 Baltimore St.
James Calvin Taylor,	<i>Gettysburg,</i>	21 York St.
Clyde Baker Weikert,	<i>Woodsboro, Md.,</i>	1 S.
Paul Daniel B. Witman,	<i>Pottsville,</i>	22 E.
†Charles Thomas Zeigler,	<i>Gettysburg,</i>	45 Chambersburg St.

Juniors 41

SOPHOMORE CLASS.

*David Snider Babylon,	<i>Westminster, Md.,</i>	8 S.
†Robert Stutzman Beachy,	<i>Elk Lick,</i>	6 S.
Ralph Henry Bergstresser,	<i>Lykens,</i>	25 W.
Harry Benton Burkholder,	<i>Mercersburg,</i>	3 E.
Curtis Edward Cook,	<i>Harrisburg,</i>	27 E.
Edgar Allen Crouse,	<i>Littlestown,</i>	20 E.
*David Leslie Diehl,	<i>Upton,</i>	8 W.
*Jacob Diehl,	<i>Greencastle,</i>	8 W.
†May Belle Diehl,	<i>Gettysburg,</i>	348 Baltimore St.
*Frederick Smith Earnshaw,	<i>Gettysburg,</i>	214 Baltimore St.
Paul William Eyster,	<i>York,</i>	38 E.
Maurice Heffley Floto,	<i>Berlin,</i>	2 S.
Charles Sumner Gracey,	<i>Everett,</i>	35 S.
William Walter Hartman,	<i>McKeesport,</i>	4 S.
Edward Buchanan Hay,	<i>Red Hook, N. Y.,</i>	23 S.
William Franklin Hersh,	<i>Pennsburg,</i>	27 W.
*Daniel Clarence Jacobs,	<i>Mummasburg,</i>	125 Chambersburg St.
Frank Stoddard Lenker,	<i>Schuylkill Haven,</i>	3 S.
*Robert Willis Lenker,	<i>Schuylkill Haven,</i>	3 S.
Harold Steck Lewars,	<i>Gettysburg,</i>	10 Stevens St.
Ralph Phaon Lewars,	<i>Gettysburg,</i>	10 Stevens St.
Theodore Franklin McAllister,	<i>Gettysburg,</i>	16 High St.
William Perry McLaughlin,	<i>Mason and Dixon,</i>	19 S.
Paul Augustus Martin,	<i>Boys,</i>	15 and 17 S.
Edgar Carlton Mumford,	<i>Braddock, Md.,</i>	35 S.
*Robert Harry Philson,	<i>Meyersdale,</i>	2 S.
Rose Emma Plank, ✓	<i>Gettysburg,</i>	Buford Ave.
*George Snavely Rentz,	<i>Pottsville,</i>	23 E.
Herbert Adron Rinard,	<i>Rays Hill,</i>	26 S.
*Parker Albert Saylor,	<i>Somerset,</i>	12 M.
Mary Cecilia Sieling, ✓	<i>York,</i>	10 Stevens St.
Edward Philip Stair,	<i>York,</i>	20 S.
*Herbert Louis Stifel,	<i>Allegheny,</i>	17 M.
†Charles David Spear,	<i>Pittsburg</i>	12 W.

David Sparks Weimer,	<i>Clearville,</i>	226 W. Middle St.
*Uriah Francis White,	<i>Manheim,</i>	12 E.
Norman Ash Yeany,	<i>Shannondale,</i>	26 S.
†Charles Theodore Yost,	<i>Cumberland, Md.,</i>	31 E.
*Howard Boylston Young,	<i>Middletown,</i>	19 S.
*Lewis Oscar Young,	<i>Middletown,</i>	19 S.

Sophomores 40.

FRESHMAN CLASS.

*Arthur Edwin Adams,	<i>Montgomery,</i>	18 E.
Mary Catharine Adams, ✓	<i>Gettysburg,</i>	Confederate Ave.
Jacob Augustus Bailey,	<i>Williamsport,</i>	7 M.
William Wallace Barkley,	<i>Inler,</i>	18 M.
Geo. Fred. Hampton Berwager,	<i>Wentz's, Md.,</i>	22 W.
Harvey Bickle,	<i>Ottsville,</i>	21 W.
Lloyd Klose Bingaman,	<i>Mifflinburg,</i>	32 S.
Adie Elmer Black,	<i>El Dorado,</i>	16 M.
John Blair Boyer,	<i>West Sandlake, N. Y.,</i>	37 E.
Edward Stewart Bream,	<i>Gettysburg,</i>	Harrisburg Road.
Joseph Howard Bream,	<i>Gettysburg,</i>	122 Chambersburg St.
Samuel Allen Conway,	<i>Dallastown,</i>	13 W.
Wm. Reuben Shaffer Denner,	<i>Manchester, Md.,</i>	19 W.
John Maclay Diehl,	<i>Cashtown,</i>	26 W.
Hypatia Diller,	<i>York Springs,</i>	136 Carlisle St.
James Garfield Diller,	<i>Gettysburg,</i>	112 York St.
Bessie Mae Draiss, ✓	<i>Gettysburg,</i>	103 Springs Ave.
*Geo. Lew. Wellington Eppler,	<i>Cumberland, Md.,</i>	30 S.
*William Bunn Fischer,	<i>Shamokin,</i>	33 E.
Curtis Fisher,	<i>Johnstown,</i>	16 and 18 S.
Stanley Channing Fowler,	<i>Brooklyn, N. Y.,</i>	24 W.
Paul Froehlich,	<i>Harrisburg,</i>	24 S.
†Henry Rudolph Garlach,	<i>Gettysburg,</i>	44 Chambersburg St.
*Walter Alexander Geesey,	<i>Altoona,</i>	16 W.
Josaver Winfield Gentzler,	<i>Thomasville,</i>	30 E.
Colstin Bernard Gladfelter,	<i>Seven Valley,</i>	16 and 18 S.
Paul Gladfelter,	<i>Neimans,</i>	19 W.

*Windom Cook Gramley,	<i>Spring Mills,</i>	10 W.
Lyman Abraham Guss,	<i>Patterson,</i>	20 M.
Hale Hill,	<i>Freeport,</i>	6 S.
Albert Martz Hinkel,	<i>Codorus,</i>	21 M.
James Hipple,	<i>Middletown,</i>	24 E.
*Norman Danner Hoke,	<i>Gettysburg,</i>	13 W. High St.
Beulah Floretta Horner,	<i>Harney, Md.,</i>	136 Carlisle St.
Carrie Edna Inglebirt,	<i>Gettysburg,</i>	Confederate Ave.
Daniel Ketterman,	<i>Glenville,</i>	32 E.
†Florence Cressler Klinger,	<i>Gettysburg,</i>	38 York St.
Frank Layman,	<i>Greencastle,</i>	10 M.
John H. Leber,	<i>Dallastown,</i>	16 E.
William Cornelius Lott,	<i>Mummasburg,</i>	39 Baltimore St.
Frederick Garman Masters,	<i>Rockwood,</i>	11 M.
John Andrew Maught,	<i>Burkittsville, Md.,</i>	14 M.
Charles Henry May,	<i>Manchester,</i>	34 E.
Sam'l Baughm'n Meisenhelder,	<i>York,</i>	18 W.
Norton Chas. Beamer Miller,	<i>Gettysburg,</i>	21 York St.
Arthur Edmund Rice,	<i>Gettysburg,</i>	3 Hanover St.
Joseph Eugene Rowe,	<i>Emmitsburg, Md.,</i>	15 E.
Hauer Hall Sharp,	<i>Lebanon,</i>	30 E.
*Clarence Milton Schaeffer,	<i>Westminster, Md.,</i>	8 M.
*Fulton Norwood Shipley,	<i>Meyersdale,</i>	10 E.
Goodell Sieber,	<i>Gettysburg,</i>	25 W. Middle St.
*James Walter Singmaster,	<i>Macungie,</i>	10 and 12 S.
*Joseph William Smith,	<i>Lykens,</i>	31 W.
Walter Young Sprenkle,	<i>Hanover,</i>	4 S.
Fred. Charles Jos. Sternat,	<i>Baltimore, Md.,</i>	24 S.
Ira Washington Trostle,	<i>Arendtsville,</i>	26 W.
Samuel Pool Weaver,	<i>Greensburg,</i>	25 E.
Abdel Ross Wentz, Jr.,	<i>Lineboro, Md.,</i>	21 M.
Mary Brownlee Wilson,	<i>Cobleskill, N. Y.,</i>	2 Carlisle St.
Norman Samuel Wolf,	<i>Abbottstown,</i>	21 W. Middle St.
Alfred Clyde Wolfe,	<i>Neale,</i>	21 W.

PREPARATORY STUDENTS.

William Samuel Adams,	<i>Gettysburg,</i>	Confederate Ave.
Martin Eli Anderson,	<i>Chicago, Ill.,</i>	27 St.
Charles Emanuel Becker,	<i>Girardville,</i>	39 St.
Etta May Benner,	<i>Gettysburg,</i>	Baltimore Pike.
Jesse Ethan Benner,	<i>Gettysburg,</i>	Baltimore Pike.
Philip Raymond Bikle,	<i>Gettysburg,</i>	2 Campus.
Albert Billheimer,	<i>Gettysburg,</i>	100 Springs Ave.
Walter Scott Bonnell,	<i>Glen Gardner, N. J.,</i>	41 St.
Robert Duncan Bream,	<i>Cashtown,</i>	Cashtown.
Laura Kate Bream,	<i>Gettysburg,</i>	Ridge Road.
Abram Brubaker,	<i>Scalp Level,</i>	39 St.
Clarence Angell Bussard,	<i>Frederick, Md.,</i>	33 St.
Bender Z. Clinton Cashman,	<i>New Oxford,</i>	New Oxford.
James Allen Dickson,	<i>Gettysburg,</i>	101 W. Middle St.
John Christopher Diehl,	<i>New Oxford,</i>	New Oxford.
William Enniss,	<i>Burkittsville, Md.,</i>	43 St.
Bessie May Everhart,	<i>Gettysburg,</i>	127 Chambersburg St.
Frank Cromwell Felton,	<i>Everett,</i>	24 St.
Albon Ellsworth Fichtner,	<i>Johnstown,</i>	45 St.
Ida Virginia Fissel,	<i>Gettysburg</i>	227 Baltimore St.
Charles Augustus Frommeyer,	<i>Bonneauville,</i>	Bonneauville.
Charles Edward Fry,	<i>Brunswick, Md.,</i>	29 St.
John James Garvin,	<i>Gettysburg,</i>	Buford Ave.
James Brown Graff,	<i>Worthington,</i>	40 St.
Joel Emory Grubb,	<i>Newport,</i>	41 St.
Harvey Solomon Haar,	<i>Zieglers,</i>	41 St.
Warren Lavere Hafer,	<i>Abbottstown,</i>	23 St.
John Granville Heaps,	<i>Street, Md.,</i>	44 St.
Robert Nicholas Heltzel,	<i>Granite Hill,</i>	Granite Hill.
Joseph Hendricks Himes,	<i>New Oxford,</i>	New Oxford.
Mary Catharine Hoffman,	<i>Gettysburg,</i>	40 Chambersburg St.
George Gitt Hollinger,	<i>Abbottstown,</i>	29 St.
Raymond Nevin Honeyman,	<i>New Germantown, N. J.,</i>	41 St.

Emma Gertrude Horner,	<i>Gettysburg,</i>	42 Breckenridge St.
Elmer Clarence Johns,	<i>McSherrystown,</i>	46 St.
Daniel Beaver Kase,	<i>Philadelphia,</i>	19 M.
Philip Edward Marks,	<i>Brinton,</i>	30 St.
John Daniel Martz,	<i>Pine Dale,</i>	26 St.
Clara Grace Meckley,	<i>Heidlersburg,</i>	Steinwehr Ave.
Ida Victoria Miller,	<i>Gettysburg,</i>	Steinwehr Ave.
Ernest Glen Miller,	<i>Cashtown,</i>	Cashtown.
John Ellis Curtis Miller,	<i>New Oxford,</i>	New Oxford.
David Norman Mincemoyer,	<i>Watsonstown,</i>	43 St.
Albert Kuhn Minnigh,	<i>Gettysburg,</i>	19 Baltimore St.
Ralph Deal Pfahler,	<i>Meyersdale,</i>	39 St.
Edward Steward Plank,	<i>Gettysburg,</i>	14 W.
John Augustus Herman Prum,	<i>New York, N. Y.,</i>	34 St.
Fenton Richard Quigley,	<i>Lewistown,</i>	30 St.
Harry Webster Ramer,	<i>Watsonstown,</i>	43 St.
Harry Randolph Rice,	<i>Gettysburg,</i>	3 Hanover St.
William Martin Seligman,	<i>Butler,</i>	25 Baltimore St.
Raphael Sherfy,	<i>Gettysburg,</i>	Emmitsburg Road.
Marlin Wilmer Shorb,	<i>Double Pipe Creek, Md.,</i>	44 St.
Charles Fager Shriver,	<i>Harrisburg,</i>	33 St.
Rose Shroder Shriver,	<i>Barlow,</i>	21 York St.
Edmund Hoopes Singmaster,	<i>Gettysburg,</i>	Confederate Ave.
Howard Mattern Singmaster,	<i>Macungie,</i>	10 S.
Roland Middleton Smith,	<i>Philadelphia,</i>	33 St.
John Henry Snoke,	<i>Newville,</i>	45 St.
Joseph Troxell Spangler,	<i>Gettysburg,</i>	116 Carlisle St.
John Criswell Stine,	<i>Shippensburg,</i>	38 St.
Jacob Harvey Swisher,	<i>Gettysburg,</i>	Mummasburg Road.
Myrtle Mae Swope,	<i>Bonneauville,</i>	36 York St.
Alice May Taughinbaugh,	<i>Gettysburg,</i>	11 N. Washington St.
Daisy Alva Taylor,	<i>Gettysburg,</i>	Hunterstown Road.
Walter James Tilp,	<i>Meyersdale,</i>	46 St.
George Herbert Tinges,	<i>Gettysburg,</i>	22 Baltimore St.
Nellie May Tipton,	<i>Gettysburg,</i>	42 Chambersburg St.
Morris Anthony Topper,	<i>Emmitsburg,</i>	45 W. High St.

George Michael Trostle,	<i>York Springs,</i>	7 Lincoln Ave.
John Miller Van Doren,	<i>New Germantown, N. J.,</i>	38 St.
Harry Morris Walter,	<i>Harrisburg,</i>	28 St.
Isaac Elmer Walter,	<i>Alga,</i>	107 N. Stratton St.
Carrie Eleanore Weaver,	<i>Gettysburg,</i>	119 Baltimore St.
Frederick Rufus Welty,	<i>Gettysburg,</i>	York St.
George Longfellow Winter,	<i>New Providence,</i>	14 W.
John Milton Wisler,	<i>East Berlin,</i>	136 Carlisle St.
James Guy Wolf,	<i>Abbottstown,</i>	21 E. Middle.
Nina Grace Wolford,	<i>Hunterstown,</i>	11 E. High St.
Paul Milton Young,	<i>New York, N. Y.,</i>	24 St.
Helen Ruth Zeigler,	<i>Gettysburg,</i>	224 Baltimore St.
Charles Sampson Zeller,	<i>Frostburg, Md.,</i>	14 E.

Preparatorians 82.

SUMMARY.

Seniors,	50
Juniors,	41
Sophomores,	40
Freshmen,	61
Collegiate Department,	192
Preparatory Department,	82
Total,	274

COMMENCEMENT, 1900.

HONORS, PRIZES AND DEGREES.

CLASS OF 1900.

FIRST HONOR:

Luther A. Weigle,	Mechanicsburg.
Paul Harold Bikle,	Gettysburg.
William W. Frey,	York.

SECOND HONOR:

McClellan Stock,	Hanover.
John K. Hamacher,	Steelton.
William J. Miller, Jr.,	Philadelphia.
James Clyde Markel, (B. S).	Columbia.
Robert D. Clare,	Abbottstown.
C. Gertrude Frey,	Gettysburg.

APPOINTMENTS:

Luther A. Weigle,	Valedictory.
McClellan Stock,	Latin Salutatory.

GRAEFF PRIZE IN ENGLISH:

Robert D. Clare,	Abbottstown.
with honorable mention of	
Luther A. Weigle,	Mechanicsburg.
Paul Harold Bickel,	Gettysburg.

CLASS OF 1901.

HASSLER MEDAL IN LATIN:

William G. Leisenring,	Chambersburg.
with honorable mention of	
David C. Burnite,	Harrisburg.
Percival S. Heintzelman,	Fayetteville.
Victor Frey,	York.

REDDIG PRIZE IN ORATORY:

Charles Leonard,	Cohansey, N. J.
with honorable mention of	
George W. Nicely,	Montoursville.

CLASS OF 1902.

BAUM MATHEMATICAL PRIZE:

Edward C. Ruby,	Gettysburg.
with honorable mention of	
William M. Robenolt,	Fayette, N. Y.
James A. Smyser,	Dillsburg.
Clarence Moore,	New Lexington.
Clyde B. Weikert,	Woodsboro, Md.

CLASS OF 1903.

MUHLENBERG PRIZE IN GENERAL SCHOLARSHIP:

David S. Weimer,	Clearville.
with honorable mention of	
George S. Rentz,	Pottsville.
Mary C. Sieling,	York.
Ralph H. Bergstresser,	Lykens.

GENERAL COMPETITION.

GIES PRIZES IN ENGLISH COMPOSITION.

FIRST PRIZE:

Robert D. Clare, (1900),	Abbottstown.
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SECOND PRIZE:

Charles M. A. Stine, (1901),	Harrisburg.
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THIRD PRIZE:

David C. Burnite, (1901),	Harrisburg.
with honorable mention of	
Edward C. Ruby, (1902),	Gettysburg.

DEGREE ON EXAMINATION.

DOCTOR OF PHILOSOPHY:

Rev. William P. Swartz, (class of 1881),	Poughkeepsie, N.Y.
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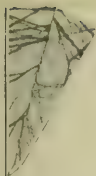
HONORARY DEGREES

MASTER OF ARTS:

Prof. J. C. Speicher,	Meyersdale.
Wm. E. Houseworth, Esq.,	Selinsgrove.

SUMMARY (EXCLUSIVE OF HONORARY DEGREES).

Bachelors of Arts,	1,114
Bachelors of Science,	54
Doctors of Philosophy (holding their	
first degree from other Institutions,	7
Whole number of graduates,	1,175





CAMPUS AND BUILDINGS OF PENNSYLVANIA COLLEGE

SEVENTIETH ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

PENNSYLVANIA COLLEGE

GETTYSBURG, PENN'A.

FOR THE ACADEMIC YEAR

1901--1902.

GETTYSBURG, PA.:
BARBEHENN & LITTLE, LTD., PRINTERS,
1902.

CALENDAR, 1901-1902

1901.
Sept. 5. Thursday Morning—beginning of First Term
Dec. 20. End of First Term.

WINTER VACATION.

1902.
Jan. 7. Beginning of Second Term.
Jan. 26. Day of Prayer for Colleges.
March 21. Ending of Second Term.

EASTER RECESS.

- April 2. Beginning of Third Term.
May 5. Junior Latin Examination for Hassler Prize.
June 9, 10, 11. Final Examination of Senior Class.
June 15. Sunday Morning—Baccalaureate Sermon by REV.
 MILTON H. VALENTINE, D.D.
June 15. Sunday Evening—Discourse before the Y. M. C. A.
June 16, 17. Entrance Examinations.
June 17. 8 A. M., Tuesday—Meeting of Board of Trustees.
June 17. 10.30 A. M., Tuesday—Junior Oratorical Contest.
June 17. Evening—Annual meeting of Alumni—President's
 Reception.
June 18. 9 A. M., Wednesday—Commencement Exercises—
 12 M., Alumni Collation.

SUMMER VACATION.

- Sept. 4. Thursday Morning—Beginning of First Term.
Dec. 19. End of First Term.

TRUSTEES

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HON. JOHN A. SWOPE, Vice President,	Gettysburg.
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GEORGE RYNEAL, JR.,	Washington, D. C.
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HON. S. McC. SWOPE,	Gettysburg.
W. H. DUNBAR, D.D.,	Baltimore, Md.
T. C. BILLHEIMER, D.D.,	Gettysburg.
JOHN WAGNER, D.D.,	Hazleton.
MATTHEW G. BOYER, D.D.,	New Haven, Conn.
T. BLAIR PATTON,	Huntingdon.
JAMES STRONG,	Philadelphia.
JOHN B. McPHERSON, Esq.,	Gettysburg.
J. EMORY BAIR,	Gettysburg.
JOHN J. YOUNG, D.D.,	New York City.
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REV. WILLIAM A. SHIPMAN, D.D.,	Johnstown.
CHARLES A. KUNKEL,	Harrisburg.
HENRY C. PICKING,	Gettysburg.
DANIEL F. LAFEAN,	York.
WILLIAM J. MILLER,	Philadelphia.
CHARLES F. STIFEL,	Allegheny.
ALBERT F. FOX,	Washington, D. C.
REV. H. H. WEBER,	York.
HON. J. P. S. GOBIN,	Lebanon.
HON. H. M. CLABAUGH,	Washington, D. C.

* Deceased February 6, 1902

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TURE.
129 Lincoln Street

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ACTING PROFESSOR OF THE GERMAN LANGUAGE AND LITERATURE,
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39 Lincoln Street

CLYDE B. STOVER, A.M.,

ASSISTANT IN CHEMISTRY.

34 Stevens Street

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LECTURER ON JURISPRUDENCE.

250 Carlisle Street

REV. CHARLES H. HUBER, A.M.,

PRINCIPAL OF THE PREPARATORY DEPARTMENT, AND PROFESSOR
OF LATIN AND ENGLISH.

411 Carlisle Street

REV. A. B. BUNN VAN ORMER, A.M., Ph.D.,

INSTRUCTOR IN PEDAGOGY.

Norwood

McCLEAN STOCK, A.B.,

TUTOR IN MATHEMATICS AND NATURAL SCIENCE.

42 Stevens Hall

LUTHER A. WEIGLE, A.B.,

TUTOR IN GREEK AND HISTORY.

16 Stevens Hall

EMILY B. HORNER, A.B.,

INSTRUCTOR IN HISTORY.

51 Chambersburg Street

JAMES A. SMYSER,

PHYSICAL INSTRUCTOR.

9 West College

WILBUR H. FLECK,

PROCTOR.

9 Middle College

JOHN F. NEWMAN

PROCTOR.

14 South College

HARRY C. PICKING,

TREASURER.

6 York Street

SALLIE P. KRAUTH,

ASSISTANT LIBRARIAN.

3 Baltimore Street

COURSES OF STUDY

The College offers the following courses :

- I. A Classical course leading to the degree of A. B.
- II. A Scientific course leading to the degree of B. S.
- III. Special courses without reference to a degree.
- IV. Graduate courses leading to the degree of Ph. D.

TERMS OF ADMISSION.

Entrance examinations are held on Monday and Tuesday before Commencement and on Thursday, the day of opening, in September. While there may be examinations at other times, all applicants are urged to present themselves on the days appointed. Students from the Preparatory Department are admitted to the Freshman class upon the recommendation of the Principal without further examination. Applicants recommended by approved Academies and High Schools as having mastered the required preparatory studies are admitted on an extended trial, without a formal examination. *Women are admitted to all departments as day scholars.*

CLASSICAL COURSE.

Candidates for the Freshman class are subject to examination in the following books or their equivalents :

LATIN.—Latin Grammar : three books of Cæsar's Gallic War ; three books of Virgil's *Æneid* ; three orations of Cicero.

GREEK.—Greek Grammar complete ; three books of the *Anabasis* ; Jones' Prose Composition complete.

MATHEMATICS.—Arithmetic complete, including the Metric System; Elementary Algebra (Wells' Academic, through Quadratics, Robinson's complete, or Wentworth's to Chapter XVIII.); Geometry, three books of Wentworth's, or Phillips and Fisher's, or the equivalent in other authors.

ENGLISH.—In English the following books, recommended by the Association of Colleges and Preparatory Schools of the Middle States and Maryland, will be required:

For 1902: Addison's *Sir Roger de Coverley Papers*; Scott's *Ivanhoe*; Coleridge's *Ancient Mariner*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*; Milton's *L'Allegro*, *Il Penseroso*, and *Comus*.

For 1903: Addison's *Sir Roger de Coverley Papers*; Scott's *Ivanhoe*; Coleridge's *Ancient Mariner*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*; Milton's *L'Allegro*, *Il Penseroso*, and *Comus*.

For 1904: Addison's *Sir Roger de Coverley Papers*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*; Milton's *L'Allegro*, *Il Penseroso*, *Lycidas*, and *Comus*.

The candidate will be required to present evidence of a general knowledge of the subject matter and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics designed to test the candidate's power of clear and accurate expression and will call for only a general knowledge of the substance of the books. Questions involving the essentials of English

Grammar and the fundamental principles of Rhetoric will be part of the examination.

No candidate will be accepted in English whose work is notably deficient in spelling, punctuation, idiom, or division into paragraphs.

GEOGRAPHY AND HISTORY.—Modern Political Geography; History of the United States (the equivalent of Sheldon's); General History.

SCIENTIFIC COURSE.

Candidates for the Freshman class of the Scientific Course are subject to the same examination as for the Classical Course with the omission of the Greek. For this omission may be substituted one of the following:

I. PHYSIOGRAPHY (Elementary Physical Geography), BOTANY (Elements of systematic and structural departments), or ELEMENTARY PHYSICS.

II. HISTORY.—Histories of England and France (Montgomery is recommended).

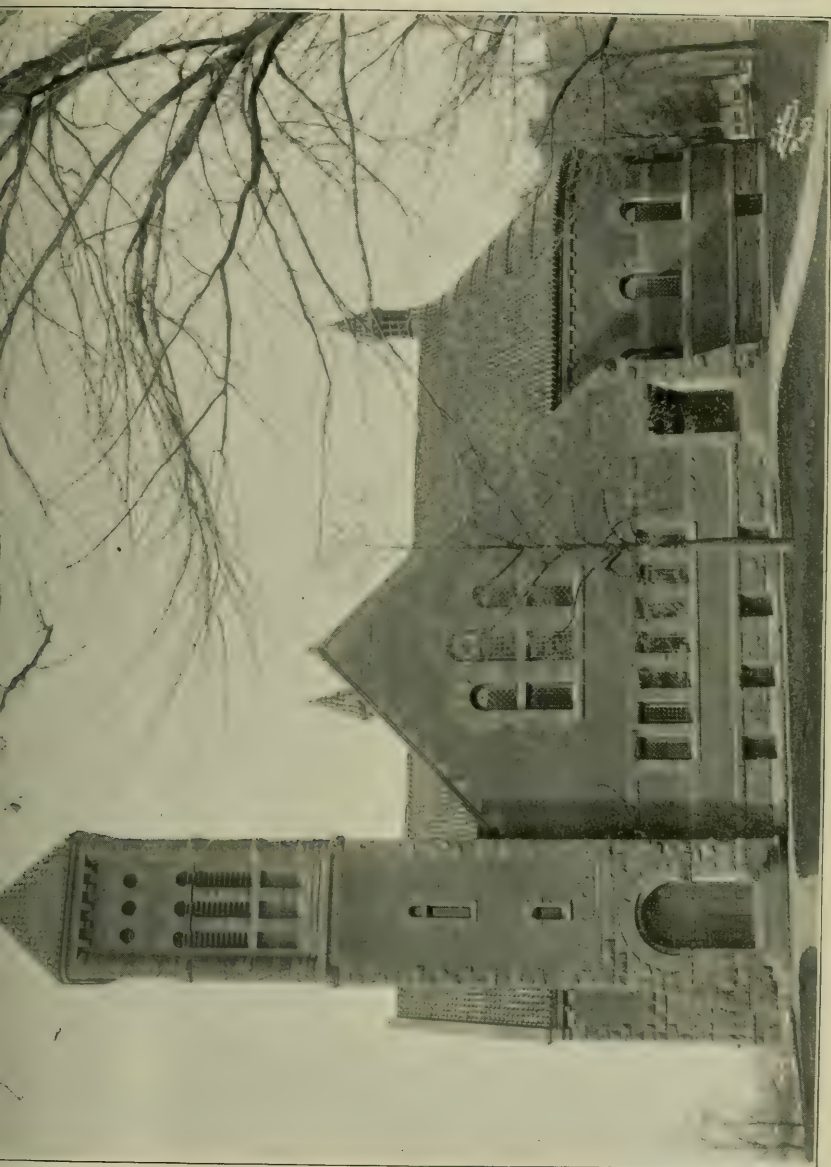
SPECIAL COURSE.

Students not candidates for a degree are admitted to the privileges of the College and allowed to take special undergraduate studies, selected with the approval of the Faculty in such a manner as to secure the full and profitable employment of their time. Such special students undergo the examination necessary to ascertain their fitness for the proposed courses.

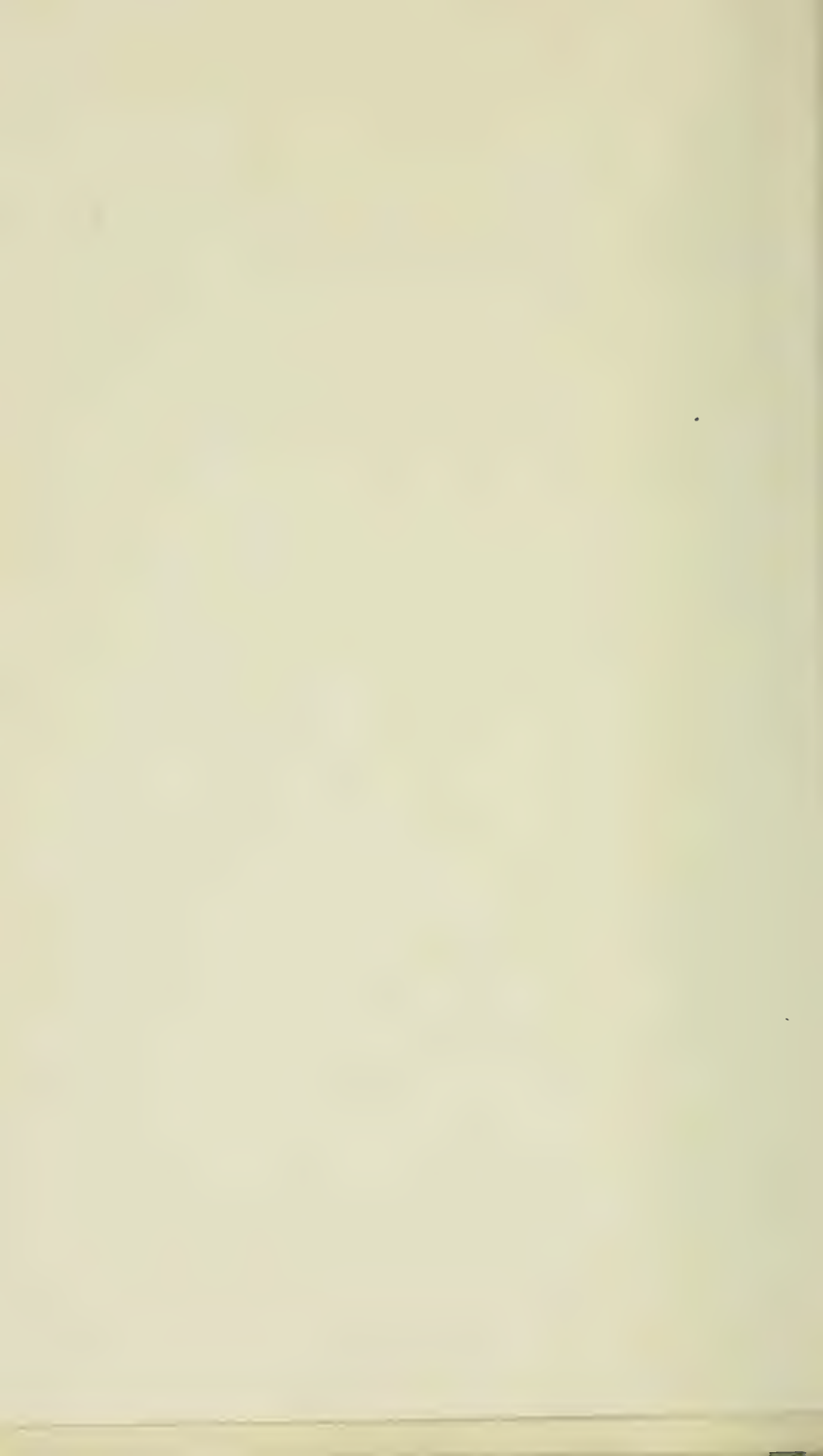
A candidate for advanced standing, in addition to the foregoing studies, is examined in the various books which the class he proposes to enter has studied.







BRUA CHAPEL



An accurate and thorough acquaintance with the studies required for admission is indispensable, in order to receive the full advantage of the college course. Students imperfectly prepared for the class they enter are embarrassed in their future progress and are seldom able to make up their deficiency.

No one is admitted to the Senior class after the beginning of the second term.

TESTIMONIALS.—Satisfactory testimonials of good moral character are required, and students from other institutions must bring certificates of regular and honorable dismissal.

SUPERVISION AND DEVOTIONAL EXERCISES.

The President and the Dean, residing on the Campus, have special supervision of the buildings and are at all times easily accessible to the students. The College seeks to secure the coöperation of each individual student in the preservation of good order and the attainment of a high standard of scholarship and manly conduct.

Prayers, with reading of the Scriptures and singing, conducted by the President or Chaplain, are attended daily, at 7.40 A. M., on week days in Brua Chapel. The devotional exercises of Sunday, beginning at 8 A. M., are extended to an hour's study of the International Sunday School lesson. At 10.30 A. M., all the students are required to attend public worship in the College Church, or in such other place of worship as their parents or guardians may designate by written request. Catechetical instruction is provided for those who desire it, and students are welcomed to other religious services in the churches of the town.

The Young Men's Christian Association of the College is an active agent in promoting religious interest among the students. Regular and special meetings for prayer are conducted by the members and classes for Bible study are formed. An annual course of lectures and musical entertainments under the same auspices adds much to the social enjoyment and culture of the college community.

INSTRUCTION.

In the under-graduate courses each candidate for a degree must have sixteen exercises a week of required or elective work in recitations, lectures, or laboratory periods, besides the Biblical hour on Sunday and the gymnasium periods. Usually there are three exercises each day except Saturday, when there is only one. Laboratory, drawing and surveying periods are each two and a half hours. A gymnasium period is one hour. A student in any of the special courses must have not less than eleven exercises a week.

RULES FOR THE CHOICE OF ELECTIVES.

1. No student shall be allowed to pursue any elective study unless the instructor in the same is satisfied that the student is prepared to pursue said study.
2. The choice of electives shall be made at the beginning of the year, and no change shall be allowed during the year.

The following schedule presents a general view of the studies and hours of the various classes :

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9	Greek	Latin.	Greek.	Latin.	Greek.	Latin.
	10 or 11	Elocution.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	
	2 or 3	French.	History.	French.	History.	Bible.	
SOPHOMORE	8 or 9	Latin.	Greek.	Latin.	Greek.	Latin.	Greek.
	10 or 11	German.	English.	German.	English.	English.	
	2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
JUNIOR.	8 or 9	English.	German.	Psychology.	Psychology.	English.	German.
	10 or 11	$\begin{cases} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{cases}$ 3 Physics.	$\begin{cases} \text{Latin.} \\ \text{Latin.} \\ \text{Bible.} \end{cases}$ 3	$\begin{cases} \text{Greek.} \\ \text{Greek.} \\ \text{Bible.} \\ \text{Biology.} \end{cases}$ 3	$\begin{cases} \text{Latin.} \\ \text{Latin.} \\ \text{Bible.} \end{cases}$ 3	$\begin{cases} \text{Greek.} \\ \text{Greek.} \\ \text{Bible.} \\ \text{Biology.} \end{cases}$ 3	
	1 to 3	Chemistry.	$\begin{cases} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{cases}$ 3 Physics.	Chemistry.	$\begin{cases} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{cases}$ 3 Physics.	Chemistry.	
SENIOR.	8 or 9	$\begin{cases} \text{Astronomy.} \\ \text{Theism.} \end{cases}$ 3	Pol. Science.	$\begin{cases} \text{Astronomy.} \\ \text{Theism.} \end{cases}$ 3	Pol. Science.	$\begin{cases} \text{Astronomy.} \\ \text{Theism.} \end{cases}$ 3	Pol. Science. Chemistry (9). Bible (9).
	10 or 11	$\begin{cases} \text{Physics.} \\ \text{Geology.} \end{cases}$ 3	$\begin{cases} \text{Physics.} \\ \text{Geology.} \end{cases}$ 3	$\begin{cases} \text{Evid.} \\ \text{Ethics.} \end{cases}$ 3	$\begin{cases} \text{Evid.} \\ \text{Ethics.} \end{cases}$ 3	$\begin{cases} \text{Physics.} \\ \text{Geology.} \end{cases}$ 3	Biology.
	2 3 1 to 3	$\begin{cases} \text{Pol. Science.} \\ \text{Sanit. Science.} \\ \text{Chemistry.} \end{cases}$ 3	$\begin{cases} \text{Hebrew.} \\ \text{Greek.} \\ \text{Biology.} \\ \text{Mineralogy.} \end{cases}$ 3	$\begin{cases} \text{German.} \\ \text{Latin.} \\ \text{Chemistry.} \end{cases}$ 3	$\begin{cases} \text{Hebrew.} \\ \text{Greek.} \\ \text{Biology.} \\ \text{Mineralogy.} \end{cases}$ 3	$\begin{cases} \text{German.} \\ \text{Latin.} \\ \text{Chemistry.} \end{cases}$ 3	
Astronomy, one hour a week Observatory (n'ght) work.							
Math. Problems, two periods a week at convenience.							

Italics indicate Elective Studies.
Numerals 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

SCIENTIFIC COURSE.

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9	Chemistry.	Latin.	Chemistry.	Latin.	Chemistry.	Latin.
	10 or 11	Elocution.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	
	2 or 3	French.	History.	French.	History.	Bible.	
SOPHOMORE	8 or 9	Latin.	Chemistry.	Latin.	Chemistry.	Latin.	Mech. Draw.
	10 or 11	German.	English.	German.	English.	English.	
	2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
JUNIOR.	8 or 9	English.	Surveying.	Psychology.	Psychology.	English.	German.
	10 or 11	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ 3 Physics.	German.	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	Surveying (9).	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	
	1 to 3	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ 3 Physics.	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ 3 Physics.	Chemistry.	
SENIOR.	8 or 9	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$ 3	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$ 3	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$ 3	Pol. Science. Chemistry (9). Bible (9).
	10 or 11	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$ 3	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$ 3	$\left\{ \begin{array}{l} \text{Evid. Christ.} \\ \text{Ethics.} \end{array} \right.$ $\frac{1}{2}$	$\left\{ \begin{array}{l} \text{Evid. Christ.} \\ \text{Ethics.} \end{array} \right.$ $\frac{1}{2}$	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$ 3	Biology.
	2 3 1 to 3	$\left\{ \begin{array}{l} \text{Pol. Science.} \\ \text{Sanit. Science.} \\ \text{Chemistry.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Hebrew.} \\ \text{Biology.} \\ \text{Mineralogy.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{German.} \\ \text{Chemistry.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Hebrew.} \\ \text{Biology.} \\ \text{Mineralogy.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{German.} \\ \text{Chemistry.} \end{array} \right.$	
Astronomy, one hour a week. Observatory (night) work.							
Math. Problems, two periods a week at convenience.							

Italics indicate Elective Studies.

Numerals 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

DEPARTMENTS OF INSTRUCTION

PHILOSOPHY

President MCKNIGHT, Professors HIMES, HUBER and KLINGER

1. *Psychology*. Mental phenomena are inductively treated, observed, classified and explained by being referred to their appropriate faculties and the conditions and laws of their production. Presentative and Representative knowledge, Thought and Intuition are successively considered and the processes by which the mind advances from a knowledge of individual objects to that of universals are traced. The fundamental relations and correlates involved in these processes are critically examined into, in connection with a discussion of the various theories of knowledge and tendencies of modern thought. Preparation is thus given for advanced courses in Psychology and Philosophy. A text-book is used with such comment and criticism as encourage accurate and independent thinking.

Junior required course. Two hours a week throughout the year.

President MCKNIGHT.

2. *Logic*. Jevons' Lessons in Logic. The analysis of arguments, their reduction to syllogistic form and the detection of common fallacies are the practical results aimed at in the study.

Junior required course. Two hours a week during the second term.

Professor HIMES.

3. *Ethics*. The study includes a critical examination of ethical theories relating to the Nature of Right, the Ground of Right, the Rule of Right, the Province of Right and Conscience. The student is conducted through an examination of Utilitarianism and other rejected theories to an immutable basis for right in the nature of God. The history of the different ethical theories is traced through succeeding schools from Socrates to the modern evolutionist.

Senior required course. Two hours a week during the latter half of the year.

President MCKNIGHT.

4. *Rational Theism*. Students are required to present from memory the chief points of the text-book, and these are further illustrated and impressed in conversation by additional points and

illustrations. By cumulative reviews they are enabled to offer orally a pretty complete system of Natural Theology.

Senior required course. Three hours a week, third term.

Professor KLINGER.

5. *Christian Evidence*. Fisher's Theistic and Christian Belief. While opposing theories are duly considered, the argument for Christianity from Miracles is accepted and defended. This argument is supported by others derived from various sources, such as the fulfillment of Prophecy, the adaptedness of Christianity to the needs of human nature, the superiority of Christian Doctrine, and the benevolent fruits of the religion of Christ.

Senior required course. Two hours a week, the first half of the year.

Professor HUBER.

MATHEMATICS AND ASTRONOMY

Professor NIXON

1. *Geometry*. Plane (books fourth and fifth), solid and spherical. (Wentworth.)

Freshman required course. Four hours a week the first term and one-third of the second term.

2. *Algebra*. Series; undetermined coefficients; binomial theorem; logarithms; determinants; theory of equations. (Wells.)

Freshman required course. Four hours a week during two-thirds of the second, and one-half of the third term.

3. *Trigonometry*. Trigonometric functions; right triangle; isosceles triangle; regular polygon; goniometry. (Wentworth.)

Freshman required course. Four hours a week, the last half of the third term.

4. *Trigonometry*. Oblique triangle; right spherical triangle; oblique spherical triangle; application of spherical trigonometry to the solution of astronomical and other problems. (Wentworth.)

Sophomore required course. Three hours a week, the last half of the third term.

5. *Plane Analytic Geometry*. Rectilinear, oblique and polar systems; relation between the rectilinear and polar systems; equations of the straight line; properties of rectilinear figures; circle; ellipse; hyperbola; parabola; tangents and normals; loci of the first and second order; higher plane loci; transcendental curves. (Hardy.)

Sophomore required course. Three hours a week during the second term and two-thirds of the third term.

6. *Surveying*. Practical use of instruments—compass, transit and level; plotting; computing areas; making profiles. (Wentworth.)

Sophomore required course. Three hours a week, the last third of the third term.

7. *Mechanical Drawing*. Geometrical construction; transcendental curves; section of the cone showing the ellipse, hyperbola and parabola; cylinders penetrating each other and the development of the same; isometric projections of solids; perspective.

Sophomore (Scientific) required course. One period a week during the year.

8. *Field Work in Surveying*. Use of the transit and level; rectangular surveying and use of traverse tables; triangulations; laying out curves; avoiding obstruction; levelling and setting grade stakes. (Carhart).

Junior (Scientific) required course. Two hours a week during the first term and one-half of the third term.

9. *Mechanics* (Statics). Composition and resolution of forces; parallel forces; equilibrium of a rigid body acted on by three forces in a plane; centre of gravity; machines; work. (Loney.)

Junior (Scientific) required course. Two hours a week during the second term and half of the third term.

10. *Differential Calculus*. Differentiating expansion of series; maxima and minima; indeterminate forms; tangents and normals; asymptotes and singular points; theory of envelopes; radius of curvature; evolutes and involutes. (Newcomb.)

Junior elective course. Three hours a week, the first term.

11. *Integral Calculus*. Integration; definite integrals; successive integration; rectification of curves; quadrature of plain figures; cubature of volumes. (Newcomb.)

Junior elective course. Three hours a week, second term.

12. *Calculus*. Special topics.

Junior elective course. Two hours a week, third term.

13. *Astronomy*. The subject as treated by Young; different authors reviewed by members of the class. The students of this course have access to the Observatory, which is equipped with a chronometer, sextant, transit and equatorial.

Senior required course. Three hours a week during the first and second terms.

14. *Practical Astronomy*. The instruments used, besides the timepieces, are the sextant, transit and equatorial. Determination of time, latitude and longitude; measurements of the diameters

of planets and the distance of their satellites ; measurements of the heights of mountains on the moon ; measurements of double stars ; calculation of eclipses ; calculation of sunrise and sunset.

Senior elective course. One hour a week during the year.

15. *Mathematics*. Analytic Geometry of three dimensions ; differential equations ; Mechanics.

Senior elective course. Two hours a week during the year.

GREEK

Professor KLINGER

1. THE ORATORS. *Antiphon*, *Lysias*, and *Isæus*. Representative selections are read and compared with distinct reference to the development of prose style. The abundant allusions in them to early Athenian life are made the basis for studies in Greek antiquities of the historic period. Blackboard drill in forms, the explanation of case, mood, and tense uses and the study of words are features of the recitation. Lectures on the conditions under which prose-writing originated and developed are given at stated periods. Prose composition, based on the text, twice each week.

Freshman (Classical) required course. Three hours a week, first and second terms.

2. THE HISTORIANS. *Thucydides*. Selections from the Peloponnesian War. The study of the text continues the syntactical analysis, the drill in forms, and the study of words in accordance with the principles of word-formation. Special attention is given to the subject-matter, and the stirring times preceding the overthrow of the Athenian supremacy are depicted. Prose composition as before.

Freshman (Classical) required course. Three hours a week, third term.

Herodotus. Portions of the Persian War are read rapidly with particular attention to the subject-matter. The importance of the period calls for a review of its history, and readings are assigned in Grote and other historians to be reported on by the students. The course comprehends lectures on the Greek dialects and advanced studies in the history of case, mode and tense development. Prose composition as before.

Sophomore (Classical) required course. Three hours a week, first term.

3. EPIC POETRY. *Homer*. The *Iliad*. (Full text required.) The study of the text is preceded by a course of dictated lectures

which aim at setting forth the Homeric question in its latest phase. The Iliad is then interpreted as a piece of literature in harmony with the conclusion of the latest Homeric scholars. Special study is made of the epithets, and by frequent word-reviews from the blackboard an attempt is made to fix the vocabulary. Each student is required with the aid of Gehring's Index to develop one or more subjects in Homeric antiquities.

Sophomore (Classical) required course. Three hours a week, second and third terms.

4. THE ATTIC DRAMA. *Æschylus* and *Sophocles*. The entire Junior year is devoted to the study of the Attic Drama. The course contemplates by means of lectures and assigned readings a complete survey of ancient Tragedy and Comedy in their origin and development, and their relation to the modern stage. Lectures on the Greek Theatre precede the study of the text.

Junior (Classical) required course. Two hours a week, two terms.

Euripides or *Aristophanes*. The students are permitted to choose between these authors.

Junior elective course. Two hours a week, third term.

5. *Demosthenes, De Corona*. The study includes the age. The decadence of the Hellenic spirit, as shown in civic life, literature, and art, is traced with the class. The course is intended to include, as far as possible, a survey of Greek civilization.

Senior elective course. Two hours during one term.

6. *Plato and Pre-Socratic Thought*. The Protagoras and the Phædo are the texts studied. The leading doctrines of Plato are analyzed and their relation to modern thought is pointed out. A parallel course of lectures in Pre-Socratic Thought, based on the fragments found in Ritter & Preller's *Historia*, is given.

Senior elective course. Two hours during two terms.

7. *The Lyric Poets*. Tyler's "Selections." The course comprehends, along with the interpretation of the poems, the origin and development of lyric poetry and its relation to Greek literature in general.

Senior elective course. Two hours a week, third term.

LATIN

Professor BIKLE

Allen and Greenough's Latin Grammar and Harper's Latin Dictionary are recommended. The Roman method of pronunciation

is used. Exercises in Prose Composition are required at intervals through the course.

1. *Livy*. Selections from Book I, and the Hannibalian War in Books XXI and XXII. Special attention is given to syntax and *Livy's* peculiarities of style. Roman History down to 200 B. C. is studied with care.

Freshman required course. Three times a week during the first term.

2. *Horace*. Odes, including a critical interpretation, and with special attention to Latin Prosody and the mythological and historical allusions of the text. Berens' Hand-book of Mythology is recommended.

Freshman required course. Three hours a week, second term.

3. *Cicero*. De Senectute, or De Amicitia. Drill in syntax, especially of the Latin subjunctive mode. Training, also, in reading Latin with expression.

Freshman required course. Three hours a week, third term.

4. *Tacitus*. Annals or Agricola. A study of the history of the times along with the reading of the text.

Sophomore required course. Three hours a week, first term.

5. *Horace*. Satires and Ars Poetica. After reading some selected satires, the Ars Poetica is read and each student is required to prepare in writing an analysis of the poem.

Sophomore required course. Three hours a week, second term.

6. *Cicero* and *Pliny*. Letters, with numerous exercises in sight reading.

Sophomore required course. Three hours a week, third term.

7. *Quintilian*. Tenth Book. With summary and classification of the Greek and Roman authors. Informal lectures on Roman Literature.

Junior (Classical) required course. Two hours a week, first term.

8. *Juvenal*. Satires. With full explanations, and study of the private and social life of the Romans, followed by a short course in Roman Antiquities.

Junior (Classical) course, required the second term, elective the third. Two hours a week, both terms.

9. *Terence* or *Plautus*. The *Andria* of Terence or *Captivi* of Plautus. The *Dramatis Personæ* are assigned to special members of the class and the parts rendered both in Latin and in English.

Senior elective course. Two hours a week, third term.

10. *Roman History*. A course of lectures covering the period from 200 B. C. to 200 A. D.

Senior elective course. Two hours a week for eight weeks, second term.

ENGLISH

Professors HIMES, BIKLE and KLINGER

1. *Rhetoric*. Genung's Working Principles of Rhetoric. Frequent exercises, oral and written, in the correction of faulty rhetoric apply the rules of the text-book. The inventive faculty is trained by the assignment of themes to be thought upon in the class room. The results are then compared, discussed and arranged within the recitation hour. Ten or twelve of Bacon's Essays are analyzed to show the structure of brief expository writings.

Sophomore required course. Three hours a week, first term.

2. *English and American Literature*. These subjects are given in outline with text-books mainly for reference.

Sophomore required course. Three hours a week, third term.

3. *Shakespeare*. Five or six plays are studied, the principal characters are analyzed and the most important and suggestive passages are read and interpreted before the class. Papers are required on some of the topics.

4. *Milton*. Four or five books of the *Paradise Lost* are studied; the views of many commentators are examined and compared. Milton's conception of the material and spiritual universe is set forth and elucidated.

Junior required course. Two hours a week, third term.

5. *Anglo-Saxon*. The translation of easy prose is begun at the second or third recitation in this subject and sight reading is undertaken after four or five weeks. About five hundred lines of the poetry of Beowulf or Cædmon and other writings are read in the latter half of the term. Comparative Philology receives considerable attention in connection with this subject.

Junior elective course. Three hours a week, first term.

6. *Middle English*. Chaucer, or Old English Ballads. This study is intended to acquaint the student with the old forms of English. Connected with the recitations are brief talks on the structure, classification and development of languages and especially on word building.

Junior elective course. Three hours a week for six weeks, second term.

7. *Tennyson*. In Memoriam is read, the plan and the development of the thought are traced, and obscure expressions interpreted.

Junior elective course. Three hours a week for six weeks, second term.

1-7 Professor HIMES.

8. *Essays*. Two essays each term are submitted for examination and criticism. Special care is taken to secure originality of work, as well as clearness of thought and grace of diction. In order to cultivate a ready faculty in composition, exercises in impromptu essay writing are practiced at stated times.

Required course for the three terms of Freshman year.

Professor KLINGER.

9. *Elocution*. Two declamations are required each term and are expected to exemplify the principles acquired in the hours devoted to technical study of elocution. These principles are inculcated by comment and criticism in connection with the speaking.

Required course. One hour a week during the whole of the Freshman year.

Professor BIKLE.

10. *Writing and Speaking*. The preparation of declamations, essays, orations and debates is continued from the beginning of the Sophomore onward to the end of the Senior year. Sometimes a subject is assigned to each member of a class with the requirement to present a discussion first in outline, then amplified. To secure greater carefulness on the part of the student, the written work is commonly read privately and criticised by the instructor.

Professor HIMES.

GERMAN AND FRENCH

Professor WOODS

FRENCH. 1. Whitney's Brief French Grammar with Lessons and Exercises; Super's Preparatory French Reader; Fontaine's Livre de Lecture et de Conversation; Verne, Une Ville Flottante; Daudet, Contes; Labiche et Martin, Le Voyage de M. Perrichon; Exercises in Dictation.

Freshman required course. Two hours a week throughout the year.

2. Fraser and Squair's French Grammar, Part II with exercises; Erckmann Chatrian, Madame Thérèse; Halévy, L'abbé Constantin; Augier et Sandeau, Le Gendre de Monsieur Poirier; De Vigny, La Canne de Junc Victor Hugo, Hernani; Fontaine's

Livre de Lecture et de Conversation ; International Correspondence.

Elective course for students who have had one year in French and one in German. Two hours a week throughout the year.

GERMAN. 1. Whitney's Brief Grammar ; Vos, materials for German conversation ; Storm's Immensee ; Stein, German Exercises, Part II ; Heyse, Das Mädchen von Treppi ; Schiller's der Taucher ; Exercises in Dictation.

Sophomore required course. Two hours a week throughout the year.

2. Joynes Meissner's Grammar ; Harris' Prose Composition ; Schiller, Wilhelm Tell ; Baumbach, der Schwiegersohn ; Heyse, Anfang und Ende ; Goethe, Hermann und Dorothea. Lectures on Goethe and Schiller ; Exercises in Dictation and Conversation.

Junior required course Two hours a week throughout the year.

3. Goethe, Iphigenie ; Schiller, Geschichte des dreissigjährigen Krieges ; Lyrics from Goethe, Schiller, Uhland and others ; Goethe's Egmont ; C. A. Buchheim's Prose Composition ; Lectures on German literature ; Sight Reading ; International Correspondence.

In connection with the Senior work a course in parallel reading is given. Private reading for 1901-2 : The Life of Heine, Lyric Poems, and die Harzreise. It is recommended that this work be done during vacation periods.

Senior elective course. Two hours a week throughout the year.

All students of German are requested to provide themselves with a good dictionary, such as Flügel's, Heath's or Whitney's.

HISTORY, POLITICAL SCIENCE AND LAW

Professors HIMES, BIKLE and WOODS, and Mr. MCPHERSON

1. *European History*. Myers' Mediaeval and Modern History.

Freshman required course. Two hours a week during the year.

Professor WOODS.

2. *American Political History*. Johnston's American Politics, with references to Von Holst's Constitutional History, Schouler's History of the United States (1783-1865), Blaine's Twenty Years in Congress (1861-1881), McPherson's Hand-book.

Sophomore required course. Three hours a week, second term.

3. *Political Economy*. F. A. Walker's Advanced Course. The theories of the text-book are brought, as often as possible, to the test of the student's personal observation and the true nature of

the science is thus impressed. Problems for investigation are assigned to the members of the class, with direction to inquire into actual industrial and social conditions and operations.

Senior required course. Three hours a week for twelve weeks of the first term.

4. *Money and Banking.* Report of the Monetary Commission of 1898. Theories of money and credit are examined with illustrations from the financial history of the world and especially of the United States. Particular attention is given to present conditions and tendencies.

Senior required course. Three hours a week for six weeks.

5. *International Law.* Lawrence's International Law. Occasional lectures on special topics.

Senior required course. Three hours a week for the last twenty weeks of the year.

6. *Science of Government.* Bryce's American Commonwealth is used as a text-book. Free discussion of the author's views is encouraged; National and State constitutions are examined.

Senior elective course. One hour a week throughout the year.

2-6 Professor HIMES.

7. *Roman Law.* Morey's Outlines. After a careful study of the text-book, an essay is required from each member of the class on a subject assigned for special investigation.

Senior elective course. Two hours a week during the first term.

Professor BIKLE.

8. *Elements of Jurisprudence.* Lectures on the rights and duties of citizenship.

Senior course. At convenience during the second and third terms.

Mr. MCPHERSON.

CHEMISTRY

Professor BREIDENBAUGH and Mr. STOVER.

1. *Elementary Inorganic Chemistry.* Lectures, laboratory work, quizzes and examinations. The student is expected, in addition to the outline of work provided, to have some approved reference book on Chemistry. This course covers the general principles of Chemistry with a study of the elements and their compounds. As far as time permits, attention is given to elementary Qualitative Analysis.

Junior (Classical) required course. Three periods a week throughout the year.

2. *Elementary Inorganic Chemistry*. Lectures, laboratory work and quizzes based on Remsen's Chemistry.

Freshman (Scientific) required course. Three periods a week throughout the year.

3. *Qualitative Analysis*. Lectures and quizzes on reactions and methods accompany the laboratory work.

Required course (Scientific). Two periods a week throughout the Sophomore and five periods the first term of Junior.

4. *Quantitative Analysis*. The first term is occupied with determinations of definite compounds, the second with mineral analysis.

Junior (Scientific) required course. Five periods a week during the second and third terms.

5. *Organic Chemistry*. Lectures, text-book work and quizzes illustrated in the laboratory.

Junior (Scientific) elective course. Three periods a week during the first and second terms. Also open as an elective to Seniors in the Classical course.

6. *Qualitative Analysis*. Similar to course 3.

Senior (Classical) elective course. Two to four periods a week throughout the year.

7. *Special Analytical Methods*. Water, milk, sugar, etc.

Senior (Scientific) elective course. Two to four periods a week throughout the year.

GEOLOGY AND MINERALOGY

Professor BREIDENBAUGH

1. *Geology*. Lectures, with reading references, principally to the works of Dana and LeConte, accompanied by quizzes and topical examinations. Each student is required to write at least one paper illustrating, from his own observations, the principles of inorganic Geology.

Senior required course. Three hours a week during the second and third terms.

2. *Mineralogy*. The crystal form and physical properties of minerals are studied by means of the mineralogical collection. Afterwards each student is required to determine at least seventy-five minerals by their blowpipe characteristics. This is followed by a brief course in Lithology and topographical Geology.

Senior elective course. Two periods a week throughout the year.

Physics. The principal facts in the various topics are discussed by lectures and reading references, with quizzes, examinations and the preparation of papers in which the student illustrates from familiar examples the subjects presented in the class room.

Required course. Three hours a week during the third term of Junior and the first term of Senior.

Botany. Class and field work in Systematic Botany. Each student is required to determine and mount specimens of at least fifty species of Phaenogams.

Sophomore required course. One period a week during the second half of the year.

BIOLOGY

Professor STAHLEY

This course extends as an elective through the Junior and Senior years. It is offered either to the classical, scientific or special course students. It aims to teach fundamental principles in the various branches which it includes.

The course is calculated to interest and profit any student of nature, whatever his future calling is expected to be. Those of our graduates, who during their course, have taken the biological studies here indicated, along with chemistry and physics, are admitted to the second year class of some of our best medical schools.

For those who do not have the study of medicine in view, the election is offered to take plant histology at the beginning of the second year, instead of human anatomy.

The course for either of the two years is sufficiently complete to make it profitable for the student to take up the work of any one year to the exclusion of the other, if limitations in time or means compel such an abbreviation. If other electives appeal stronger to him during his Junior year, it will not be too late, as a Senior, then to pursue either the first or second year's biological branches.

The work is carried on by lectures, demonstrations, quizzes, dissections, drawings, note taking on work done and stated written examinations. There is a well-lighted laboratory, provided with all needed instruments and apparatus, such as microscopes, microtome, paraffine bath, incubator, etc. The branches are pursued in the following order:

JUNIOR YEAR

1. *General Biology*. Three periods a week for ten weeks. This branch acquaints the student with microscopic technique and general laboratory methods, whilst he studies selected types of plants and animals taken from the lower forms of life, as these are best adapted to demonstrate essential characteristics. The purpose is to ascertain fundamental facts of structure and life processes, with the significant relationships in the two great kingdoms of organic nature.

2. *Zoology*. Three periods a week for eleven weeks.

This continues the study of animal life and traces the forms in the order of their increasing complexity. A number of morphological types are dissected, thus affording an acquaintance with all the great phyla of animals, in both the vertebrate and the invertebrate series. The principles of comparative morphology and physiology are particularly emphasized and relationships are traced.

3. *Mammalian Anatomy*. Three periods a week for six weeks, followed by two periods a week for eleven weeks.

Here the mammalian type of animals is considered. The domestic Cat as a convenient example of a high-type mammal offers advantages for the detailed study of bones, muscles, blood vessels, brain and nerves.

SENIOR YEAR

4. *Human Anatomy and Physiology*. Three periods a week for twenty-one weeks.

Special attention is given to osteology, joints, ligaments and muscles. The separate parts of the skeleton, including a disarticulated cranium, Tramond's preparations, consisting of real bony joints with accurately placed artificial ligaments, and Azou's dissectable manikin, provide ample facilities for this part of the work. In this, as in the other animal branches of the course, physiological processes are constantly discussed. It is expected soon to have the appliances to institute a course in practical laboratory physiology.

5. *Plant Histology*. Offered as a substitute for human anatomy for those not contemplating the study of medicine.

This course aims to trace the development of plants from the lower forms, as considered in the general biology course, to the Spermatophytes, with their higher organization. After a brief

practical examination of plant organs, all the various tissues and fundamental systems of tissues are studied. In this work free-hand sections are made from fresh or preserved material, and the tissues are isolated and studied with the aid of proper reagents. A course of lectures on plant physiology is also given.

6. *Mammalian Histology.* Three periods a week for nine weeks.

With the aid of prepared microscopic slides, the student draws and studies the minute anatomy of the different tissues of the body, with their relationships in the different organs. Further than this he learns practically how to fix, harden, imbed, section, stain and mount the important tissues. A knowledge of practical methods in histological work is thus acquired.

7. *Embryology.* Three periods a week for eight weeks.

The principles of maturation and fertilization of the germ elements are considered. The stages of segmentation are observed in the ova of the Frog and Fish. The development of the Chick is studied. Entire mounts are made, as well as mounts of serial sections of the incubating egg, from the first hour of incubation to the fifth day, when the organs are practically all formed. This branch constitutes a fitting close to the course, as it exhibits the steps in the development of the individual animal, and also epitomizes the history of the animal kingdom in general.

PHYSICAL CULTURE AND HYGIENE

Professor STAHLEY

1. *Sanitary Science.* Lectures. House, municipal, state and national sanitation in their varied and rapidly developing new features are dwelt upon with the idea of furnishing a comprehensive yet intelligible outline of the subject.

Senior elective course. One hour a week throughout the year.

2. *Physical Culture.* This end is sought under medical guidance in the Gymnasium during the college year from November 1 to May 1. A physical examination of each student is made when he enters college and such kinds of gymnastic exercises are prescribed as seem indicated. The purpose is to encourage the promotion of health and physical vigor as necessary for successful mental application. Since much harm is often done by injudicious physical exercise, special effort is made to advise those who are suffering from defective bodily conditions how they may be helped by hygienic methods and the selection of forms of exercise particularly suited to their case.

BIBLICAL DEPARTMENT

Professor HUBER

1. *Old Testament History.* The books of Exodus, Numbers and Joshua furnish the material to be mastered, which is the story of Israel from the departure out of Egypt through the wanderings in the wilderness, to the entrance into Canaan and the conquest of its inhabitants. In connection with the Scripture text a manual of biblical geography and history is used.

Freshman required course. One hour a week throughout the year.

2. *Old Testament History.* Jewish History from the establishment of the Monarchy to the Division of the Kingdom. The biblical material is found in Samuel and Kings; the geographical and historical manual is continued.

Sophomore required course. One hour a week throughout the year.

3. *Biblical Study.* (a) Any part of the Old Testament the class may prefer. (b) The Gospel of Luke in Greek.

Junior elective course. Four hours a week during the third term.

4. *New Testament Study.* The privilege of selecting the books to be studied is accorded to the class. The Gospel of Luke has been chosen this year.

Senior elective course. One hour weekly throughout the year.

5. *Hebrew.* Harper's "Method and Manual" and "Elements of Hebrew." The method adopted in these books is the Inductive and has been found well suited to its purpose.

Senior elective course. Two hours a week throughout the year.

GENERAL COLLEGE ORDERS

EXAMINATIONS

Examinations are held at the close of each term, or when a subject is finished. When a student is unavoidably absent from this examination, and his absence is excused by the Faculty, he is examined, at the discretion of the Faculty, either before leaving, or at the opening of the following term before entering his name on the roll of his class.

If a student be absent for some time from the Institution, he must, on re-entering, sustain an examination upon the studies to which his class has attended during his absence.

RECORDS

A careful record of the attendance, scholarship and conduct of each student is kept; a general statement of which record is transmitted to parents or guardians at the close of each term.

DEGREES

To members of the graduating class in full and regular standing diplomas are granted, conferring in the Classical Course the degree of *Bachelor of Arts*, and in the Scientific Course the degree of *Bachelor of Science*.

The degree of *Master of Arts* and *Master of Science*, according to the previously received Bachelor degree, is conferred, in course, on Bachelors of three or more years' standing, provided all applicants for this degree make application therefor to the Faculty, in writing, at least one week before the annual Commencement.

TERMS AND VACATIONS

The annual Commencement is held this year on the third Wednesday of June. The first term begins on the first or second Thursday of September, and continues fifteen weeks; the second term begins two or three weeks after the close of the first term, and continues twelve weeks; the third term begins one week after the close of the second, and continues eleven weeks, until the day of the annual Commencement. The intervening periods of two (or three), one and eleven weeks are devoted to the vacations.

It is highly important for students to be punctual in entering upon their duties at the beginning of the term.

Unexcused absences from recitations are counted as zeros upon the grades.

The attention of parents and guardians is especially called to the fact that absences from recitation, whether at the opening of terms, or at other times, are not excused except for sickness or imperative necessity.

EXPENSES

The necessary expenses of the collegiate year, exclusive of books, clothing, furniture and traveling expenses, are as follows for each student:

	MINIMUM	MEDIUM	MAXIMUM
Board for 38 weeks,	\$70 00	\$88 00	\$114 00
First term, { Tuition, \$12 00 }	20 00	20 00	20 00
{ Gen. Exp. 8 00 }			
Second term, { Tuition, \$9 00 }	15 00	15 00	15 00
{ Gen. Exp. 8 00 }			
Third term, { Tuition, \$9 00 }	15 00	15 00	15 00
{ Gen. Exp. 6 00 }			
Room rent and heat (half room),	12 50	40 00	62 50
Gymnasium Fee,	6 00	6 00	6 00
Washing,	12 00	12 00	12 00
	<hr/> \$150 50	<hr/> \$196 00	<hr/> \$244 50

Board may be secured at prices varying from \$1.87 to \$2.50 a week in clubs; and from \$2.50 to \$3.00 in boarding houses. The average price paid during the first two terms of the present year was \$2.48.

A fee of \$1.50 a term for contingent expenses is charged to students not rooming in college buildings.

All members of the Senior class, upon their entrance on the last session of their course of study, pay to the Treasurer, with their college bills, an extra fee of \$5, which is refunded in case of failure to graduate.

CHEMICAL LABORATORY CHARGES

Students in the Scientific Course are charged a term fee of \$5.00 for the use of chemicals and general apparatus. Glassware and other apparatus of individual use are supplied at cost prices, each person being charged with each article received and credited with the same on its return in good condition. The expense for this item in the first outfit has been about \$7.00, after which, with proper care, it need not exceed \$1.50 a term. Students in general chemistry pay, for the course, a desk fee of \$10 for the use of chemicals and apparatus, and the cost price for all articles broken; this need not exceed \$1.00 a term. The fee for supplies in elective Mineralogy is \$2.25.

Parents or guardians may intrust funds for students to any member of the Faculty, and the funds will be applied as may be required.

Tuition and other college dues for each term, must, in all cases, be paid in advance. No student will be allowed to recite with his class until he has shown the Professor a receipt from the College Treasurer, or a note stating that he has made some satisfactory arrangement with the Treasurer.

ROOMS AND HEATING

Students are required to lodge in the college dormitories, special cases excepted.

Unless all the available rooms of the college are occupied, there is no remission of the charge for room-rent, except to students whose parents reside in town.

Rooms becoming vacant can be assigned at any time, preference being given according to class, to be occupied after the removal of the former occupant, and, if the person to whom the rooms are assigned should desire the furniture in them shall be removed.

The charges for room rent and steam heat for the several rooms, given below, are for full use of the room; if two students occupy a room they divide the expense. The annual charge is given first, and in parentheses the division of this charge between the first, second and third terms of the collegiate year. E=East Division, M Middle Division, and W=West Division, S=South College.

At \$25.00 (8.50, 10.75, 5.75): 4, 6, 8, E; 1 M; 4, 6, W.

At \$28.00 (9.50, 11.75, 6.75): 5, 7, 9 E; 5, 7 W.

At \$33.50 (11.00, 13.75, 8.75): 14, 15, 16, 17, 18, 19, 24, 25, 26, 27, 28, 29, 34, 35, 36, 37, 38, 39, E: 6, 11, 16, 19, 21 M; 12, 13, 14, 15, 20, 21, 22, 23, 28, 29, 30, 31 W.

At \$38.00 (13.00 15.25, 9.75): 1, 3 E; 2 M; 1, 3 W.

At \$40.00 (14.00 16.00, 10.00): 22, 23, 24, 25, 30, 31, 32, 33 S.

At \$42.50 (14.50, 16.75, 11.25): 10, 11, 12, 13, 20, 21, 22, 23, 30, 31, 32, 33 E; 3, 4, 5 M; 8, 9, 10, 11, 16, 17, 18, 19, 24, 25, 26, 27 W.

At \$44.75 (15.50, 18.00, 11.25): 9, 17, 22 M.

At \$45.00 (15.00, 18.00, 12.00): 26, 27, 28, 29 S.

At \$50.00 (17.00, 20.00, 13.00): 20, 21, 34, 35 S.

At \$53.00 (19.00, 20.75, 13.25): 8, 10, 12, 14, 18, 20 M.

At \$75.00 (26.00, 29.00, 20.00): 1, 2, 3, 4, 5, 6, 7, 8 S.

At \$90.00 (32.00, 36.00, 22.00): 10 and 12, 11 and 13, 15 and 17, 16 and 18 S—suites of two.

At \$125.00 (43.00, 50.00, 32.00): 9, 19 S—suites of three.

Rooms 3, 4, 5, 8, 10, 12, 14, 18 and 20 M, include a large study and a good sized bed room. Even numbers, except 22, are on the north side of the building.

GRADUATE COURSES

Provision is made for those who desire to pursue a graduate course of study leading to the degree of *Doctor of Philosophy*, on the following conditions:

1. Only those who have received Bachelor degrees equivalent to those given in this College, are eligible candidates.

2. The studies must be pursued under the direction of the Faculty. At least one year's residence in the case of graduates of this Institution and two years' residence in case of graduates from other institutions will be required. Residence during which professional studies are also being pursued will not be accepted.

3. In the case of non-residents, reports of progress must be made to the Professors in charge of the department in which studies are being pursued, and examinations will be made in such manner and as frequently as the Professors may direct.

4. Not less than three years' work will be required.

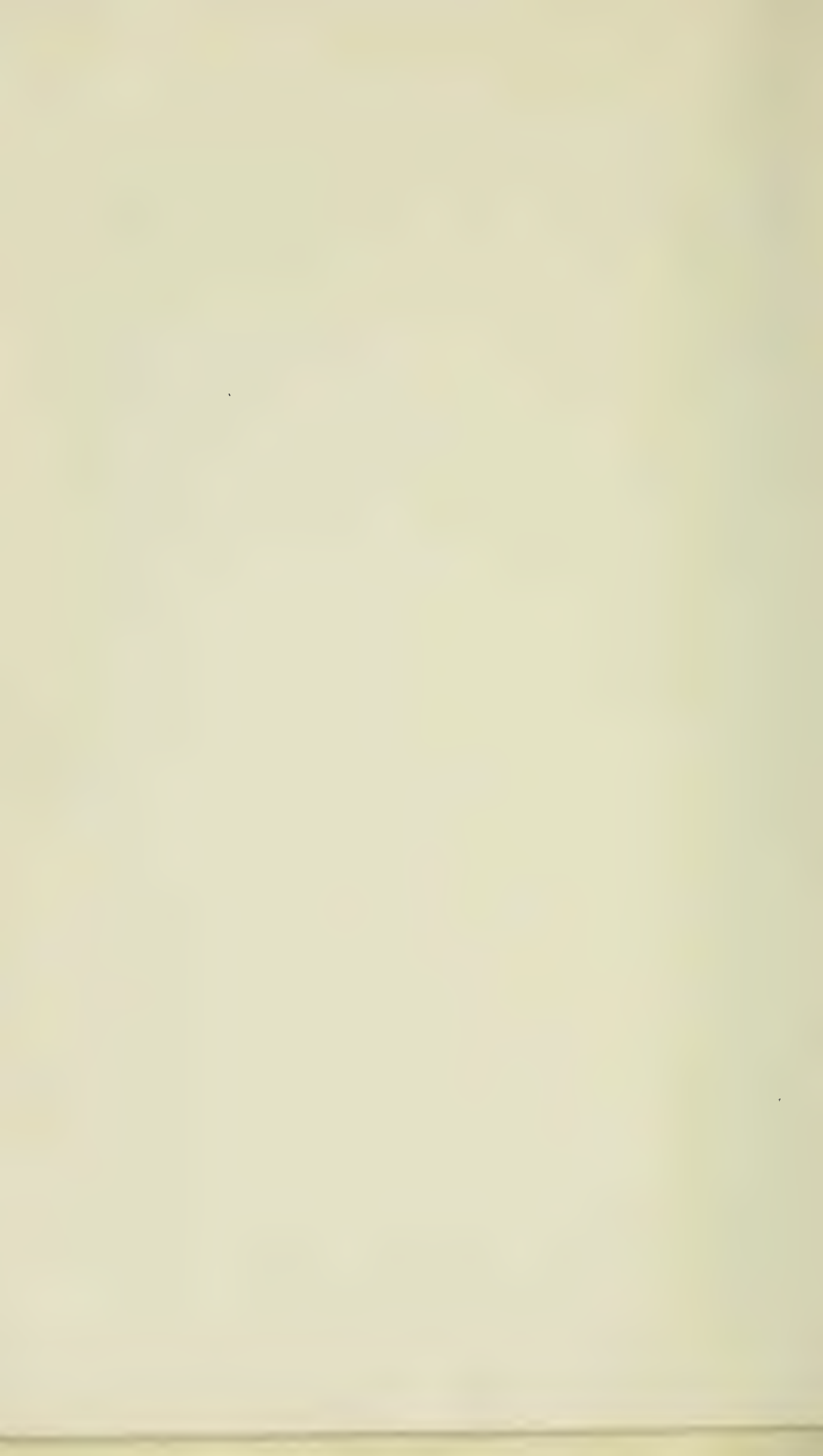
5. At the close of the course a satisfactory thesis showing evidence of original investigation must be submitted.







SOUTH COLLEGE



6. The following subjects are open for selection. Each applicant must select one as a major subject and two as minor subjects. Those marked (*min.*) can be chosen only as minor subjects:

Psychology; Moral Science; Natural Theology (*min.*); Evidences of Christianity (*min.*); Greek; Latin; German; French; English Literature; History; Political and Social Science; Mathematics; Chemistry; Mineralogy (*min.*); Geology; Botany (*min.*); Physics and Astronomy.

7. A registration fee of \$25 is charged at the beginning and an examination fee of \$50 at the end of the course.

8. Failure to report progress for examination during as long a period as two years will cause the name of the candidate to be dropped from the printed list.

EQUIPMENT

MUSEUM

The museum contains varied collections of fauna and flora and minerals, all of which are freely used in instruction. The Mineralogical Cabinet contains over 6,000 specimens, including not only very full suites of the more common and more important minerals but also good specimens of many of the rarer minerals. The collection in Lithology numbering 3,000 specimens and of iron in Metallurgy have, by recent additions, become fairly representative in the most important departments of these sciences. The Botanical Collection of 6,000 specimens, mainly presented by Miss Elizabeth C. Morris, of Germantown, Pa., is well arranged and contains a full representation of American Flora. A beginning has been made of a Chemical Museum—to contain specimens of raw and manufactured materials in chemical industries. Friends of our Institution can greatly aid us by additions to these collections.

LITERARY SOCIETIES

Two literary societies are connected with the College, the Phrenakosmian and the Philomathæan. These exert a favorable influence in the intellectual and social culture of their members. The exercises consist of music, essays, orations and debates. The practical acquaintance with parliamentary law here formed makes these societies the best schools for free citizenship. The halls occupy two wings on the third story of the Recitation Hall, and are conveniently and handsomely furnished. Their sessions are held every Friday evening.

A reading room, managed by these societies and the Y. M. C. A., contains a great variety of periodical literature.

LIBRARIES

The College Library, to which all the students have access without charge, contains many works of reference. During term time the Library is open for consultation and the drawing of books four hours each week day, except on Saturday when it is open for two hours.

The income of a fund invested for the purpose provides for frequent additions of the best publications.

The Libraries of the Literary Societies comprise a large number of well selected and standard volumes, which are annually increased through the income of separate funds.

These libraries are accessible to the members of the societies under their respective regulations, and are open for the issue of books on Wednesday at 4 P. M. and Saturday at 10 A. M. during term time. They are in the same hall with the College Library. In addition to several thousand partly classified but unbound pamphlets

The College Library contains	13,462	volumes.
The Philomathæan Library contains	6,373	"
The Phrenakosmian Library contains	6,000	"
Total,	25,835	"

SCHOLARSHIPS

A number of permanent scholarships, securing free tuition, have been endowed and are under the control of synods, congregations, or individuals. C. W. Thompson, Esq., of Lancaster, has established a scholarship for the purpose of giving the benefit of a collegiate education to

the most successful and indigent pupil who shall pass through the prescribed course in the High School of Gettysburg.

PRIZES

MUHLENBERG FRESHMAN PRIZE.—The interest of a fund of five hundred dollars, contributed by Prof. F. A. Muhlenberg, D.D., LL D., is given at the close of the year to that member of the Freshman class who, upon examination, is found to have attained the highest degree of scholarship in the studies of the Classical course.

BAUM MATHEMATICAL PRIZE.—Charles Baum, M.D., Ph.D., of Philadelphia, has contributed five hundred dollars, the income from which is to be given annually to that member of the Sophomore class who shows the greatest proficiency in Mathematics.

HASSLER LATIN PRIZE.—Mr. Charles W. Hassler has furnished a fund, the interest of which is annually expended for the purchase of a Gold Medal, to be presented to the student of the Junior class, who, at the end of the year, shall be the best Latin scholar.

REDDIG ORATORICAL PRIZE.—Mr. Clarence Jacob Reddig, of Shippensburg, contributes annually the sum of twenty-five dollars as an Oratorical Prize, to be contended for in public by the Junior class, on Tuesday of Commencement week.

GRAEFF PRIZE.—This prize was founded by Mr. John E. Graeff, of Philadelphia. The sum of \$30 is awarded for the best English essay from the Senior class, on a subject previously assigned. The decision is made by a committee appointed by the Professor of English Literature.

GIES PRIZES IN COMPOSITION.—William J. Gies, Ph.D., professor in Columbia University, has established three prizes of \$35, \$25, and \$15, respectively, for the encouragement of work in English Composition. Three productions will be required from each competitor and will be due, respectively, October 15th, February 1st, and April 1st. These prizes are open to all classes, though recipients of the first prize are excluded from further competition.

Students in special courses are not admitted to competition for any of the foregoing prizes.

BUILDINGS

PENNSYLVANIA HALL, erected in 1836–38, was remodeled and improved in 1889. It contains eighty-six rooms for students, many of them *en suite*, so that those who may wish to do so can have separate study and sleeping rooms. In this building are the reading rooms of the Literary Societies and the large room used by the College Y. M. C. A. These rooms are heated by steam, and water pipes connected with the town system of water works are on the first floor.

SOUTH COLLEGE, erected in 1897, is a building of three stories containing rooms for about fifty students. It is finished entirely in hard wood, is heated with steam, has hot and cold water on each floor and lavatories in convenient places. The first floor has eight rooms, each with open fire places, tile hearth and spacious closets. These rooms may be used by one or two occupants, as preferred. On the second floor all rooms are *en suite*, each suite consisting of a study with one bedroom or two. These are also provided with hearths, closets, etc. The third floor is divided into sixteen single rooms.

THE RECITATION HALL, erected in 1888-89, is used for general college purposes. On the first floor are the library room and office, the President's office, the reception room, and recitation rooms. The second floor has recitation rooms. The third floor has in the front centre a large museum room with valuable collections. In the rear centre are a mineralogical laboratory and suite of rooms fitted up for use as an infirmary, if they should be needed. In the north wing is the hall of the Philomathæan Society, in the south wing the hall of the Phrenakosmian Society. In the basement are rooms designed for a physical laboratory.

THE BRUA MEMORIAL CHAPEL, erected in 1889-90, is the gift of the late Col. John P. Brua, U. S. A., as a memorial to his parents. This building is used for morning prayers, for Commencement exercises, lectures, and other occasions requiring a large audience room.

THE CHEMICAL LABORATORY is a frame building, erected in 1872 and in 1890 converted to its present use. It contains on one floor a large lecture room, an office, store rooms, chemical room, balance room, and two laboratories—one for general chemistry, with desk room for forty-eight students, the other for analytical chemistry with desk room for forty-eight students. The building is fitted with the most approved appliances; gas and water at each desk; there are ample hoods, a water distilling apparatus and large sand bath, and other necessary apparatus. The balance room contains balances set on walls especially built for them. In the basement are an assay room and a store room.

THE ASTRONOMICAL OBSERVATORY, erected in 1875, is furnished with an achromatic telescope, having an object

glass of six and one-half inches, with a transit instrument, chronometer, and other appliances.

THE GYMNASIUM has on the first floor ample dressing rooms and bathing facilities, and a base ball cage. On the second, or main floor, a class of sixty members can be accomodated for gymnastic drill. The selection of specialized apparatus in light and heavy gymnastics is varied and complete. The Professor's office, where all the physical tests and measurements are taken, is also on this floor, and is furnished with a full set of anthropometric apparatus.

On the gallery there is a first-class "Roberts' patent" running track with seating accommodation for visitors.

The gymnasium is open at stated times every afternoon and evening and Saturday all day, aggregating twenty-four hours each week, apportioned between regular class practice and general practice.

Athletic sports are encouraged, but under such regulation as, it is believed, prevent them from becoming a source of demoralization to the students, or interfering with the legitimate work of the Institution. A student who has not first secured the permission of his parents, is not allowed to engage in any public contest.

ATHLETIC FIELD. Immediately north of the college buildings is the athletic field, which is carefully graded and securely inclosed, and covers an area of over four acres. It affords room and facilities for all kinds of out-door sports.

THE BOILER HOUSE supplies the steam required for heating all the college buildings, and has capacity for more.

Besides these buildings there are on the campus the

President's house, a double house for Professors, and four halls erected by Greek Letter Societies.

A fair valuation of the several buildings is:

Pennsylvania Hall,	\$38,000
South College,	20,000
Gymnasium,	14,000
Stevens Hall,	20,000
Chemical Laboratory,	10,000
Observatory,	3,500
Recitation Hall,	86,000
Brua Chapel,	19,000
Other buildings, not including fraternity halls,	14,000
Steam and water plants,	25,000
	<hr/>
	\$249,000

In addition, the libraries, scientific apparatus, scientific collections and furniture are worth at least \$75,000. These estimates do not include the value of the improved campus.

NEEDS OF THE COLLEGE

The friends of the College may desire information as to its most pressing needs. Provision should be made for additional teaching force and apparatus in the following departments:

The Department of Physics.

The Department of Biology.

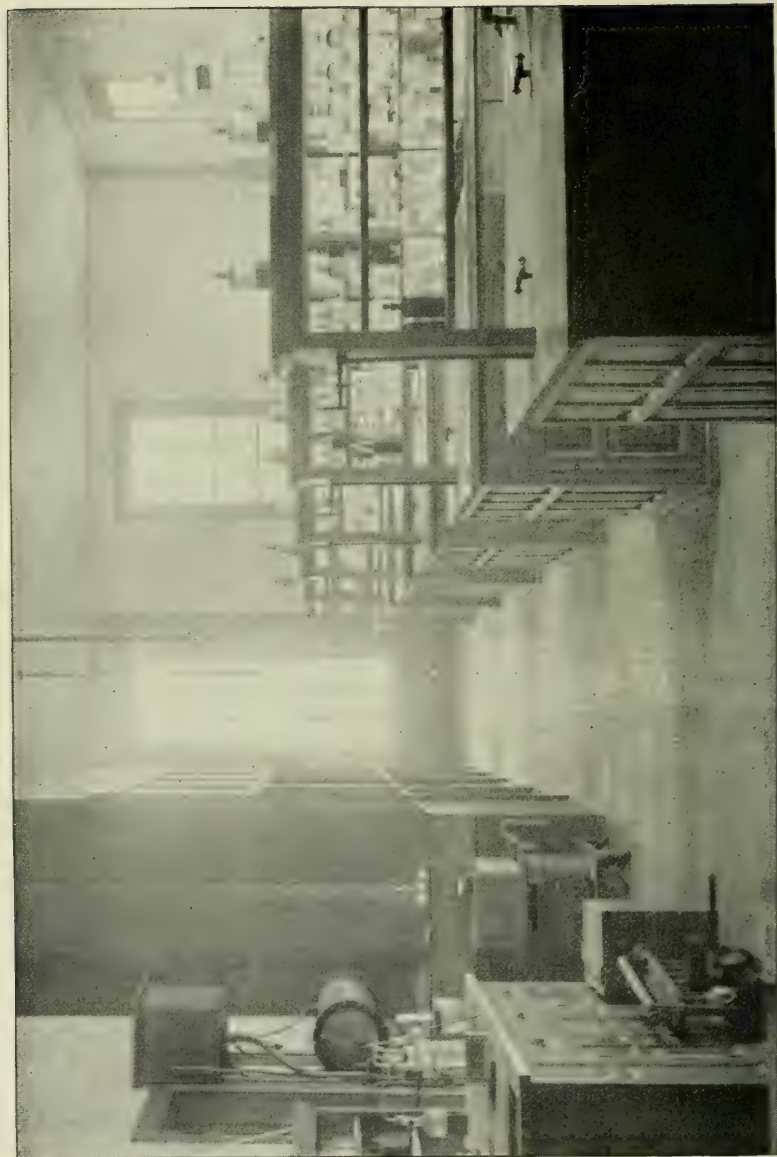
The Department of Applied Mathematics.

The Department of Philosophy and History.

The Department of Rhetoric and Elocution.

The Library Fund and the General Endowment Fund should be increased.





A VIEW IN THE LABORATORY OF ANALYTICAL CHEMISTRY

GENERAL ALUMNI ASSOCIATION

The Alumni Association of Pennsylvania College holds its regular annual meeting on Tuesday evening of Commencement Week. In 1876 the Board of Trustees granted the Association the privilege of nominating six of their number to membership in the Board, to fill alternate vacancies till the whole number is secured.

The officers of the association are: President, Charles S. Duncan, Esq., class of '82; Vice Presidents, Rev. Luther S. Black, class of '88, Matthew G. Boyer, D.D., class of '65, Rev. Prof. Thomas B. Birch, class of '91; Secretary, Prof. J. A. Himes, class of '70; Treasurer, Mr. H. C. Picking, class of '79.

COLLEGE PERIODICALS

The *College Mercury*, published monthly in term time under the control of the Literary Societies, is a literary journal sustained by the contributions of students and alumni. *The Gettysburgian*, under private control of students, is published weekly and makes a specialty of college and town news. *The Spectrum*, an annual publication of the Junior class, contains pictorial representations of the College with its various organizations and surroundings as well as useful statistics about students and alumni. All aim at enlarging the means of communication between the College and its graduates, former students and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the Institution.

CONTINGENT FUND


Under the recommendations of the various Synods, the congregations on the territory of Pennsylvania College

several years ago began a plan of taking up, on the Day of Prayer for Colleges, a special collection for the contingent expenses of the College. The money thus collected has been spent largely in improving the campus.

The attention of School-boards and others desiring teachers is called to the fact that it is frequently in the power of the Faculty to recommend suitable persons. Our graduates fill successfully many important positions in public and private institutions.

FORM OF BEQUEST

I give, bequeath and devise to "The Trustees of Pennsylvania College, of Gettysburg, in the County of Adams," in the State of Pennsylvania, and their successors and assigns forever, the sum of —— (or shares in the bank of ——, or any other personal property or real estate, as the case may be), to be applied to the Endowment Fund of the Institution.

 *A bequest to a benevolent corporation, to be legal, must be made at least 30 days before the death of the Testator, in Pennsylvania, and 60 days in New York.*

PREPARATORY DEPARTMENT

AIM OF THE DEPARTMENT

Stevens Hall is located within two minutes walk from Pennsylvania College. The object of its foundation, which the school has steadily kept in view, was to present to the public AN ACADEMY UNDER THE CONTROL OF COLLEGE AUTHORITIES. The advantages of such a combination are obvious. To students who desire to prepare for college it offers a course of preparatory instruction under the eyes of their future Professors and in the line of the college requirements. The school, being open at all times to visits from the instructors in the College, and receiving from time to time their counsel, is able to give to those students who desire it just that preparatory study and drill which will lead to the most profitable and creditable work in the college classes. Time is concentrated upon the studies in which it is needed, and STUDENTS WHO HAVE SATISFIED THE REQUIREMENTS IN THE PREPARATORY DEPARTMENT ARE ADMITTED TO THE FRESHMAN CLASS OF THE COLLEGE UPON THE PRINCIPAL'S RECOMMENDATION WITHOUT FURTHER EXAMINATION. On the other hand, students who do not expect to enter College, and who desire only an English education, preparatory to business, teaching, etc., may find in this school an academy of high grade under the supervision of College Professors, in a college atmosphere, and with free access to the college libraries. Near association with a college is a stimulus to study, and often awakens a desire for a higher education.

GOVERNMENT

The Preparatory Department, though under the control of the College authorities, has a separate building of its own, and is under the special direction of a Principal who gives to it his whole time in the work of instruction and supervision. He is aided by three assistants.

The school seeks to develop intelligent Christian gentlemen. The discipline aims at making the pupil SELF GOVERNING, and at leading him to habits of self respect and self control by training the judgment, quickening the conscience, and cultivating a delicate sense of honor.

When it is evident that a pupil has no proper appreciation of his opportunities, and is harming the school rather than receiving benefit from it, his parents are asked to remove him.

During study hours students are expected to be in their rooms, which are subject to frequent visits by instructors.

ADMISSION

Students are admitted at any time to the grade for which they have been qualified by previous study. But it is highly important that the student enter the school as early in the course as possible. With the present high requirements for admission, a hurried preparation is generally unwise and tends to embarrass the student's future progress, especially in Latin and Greek. Accurate, technical scholarship, at which the school aims, can hardly be secured without long drill, especially in the languages. Without intending at all to discourage those whose circumstances, rather than their desire, lead them to attempt short preparation, all who can are urged TO LAY THE FOUNDATION CAREFULLY. An additional year of time at

the beginning is always a gain in the ease and success with which future work is done. The fact, however, is recognized that students differ widely in ability and industry, and every opportunity is afforded those who can do so to cover the required work in a shorter time.

No examinations are required for admission, the pupil being at once assigned to the class for which his previous studies seem to have fitted him. If, upon trial, it be found that a mistake has been made, the Principal reserves the right to transfer the student to the proper grade.

Students who have advanced sufficiently in Mathematics and the English branches to enter the Freshman class, but have not studied Latin or Greek, will here find special arrangements made for their rapid advancement. Girls will be received as day scholars. A study hall has been reserved for their exclusive use and they are not obliged to mingle with the general class except at regular recitation periods. When at school they are under the care of a lady superintendent. Refined homes for them can be secured in town at moderate rates. They will be under the care of the Principal, who will be fully informed of their conduct.

RELIGIOUS EXERCISES

On Sunday morning the students of the Preparatory Department are required to attend worship with the College instructors and students in the College Church, or in such other place of worship as their parents or guardians may designate. A Bible class is conducted by the Principal every Sunday morning and is a part of the regular course of study. Chapel service is held every morning except Saturday.

COURSE OF STUDY

The course of study is designed to prepare students of either sex, who desire to enter college, for the Freshman class, and to give students who do not expect to enter college, so far as it can carry them, a wide intelligence, true culture, and habits of careful and sound thinking. New and important subjects have been added, and increased attention is given the lower classes. All students of the school have free access to the College Library, and students over fifteen years of age may join either of the College Literary Societies. There is also a Literary Society conducted by the students of the Department.

There is no musical course in the school, but arrangements for instruction at moderate terms may be made in the town without conflict with school work.

A report of the work and conduct of each student is sent home at the end of each term, and at any other time upon request or when the Principal thinks it desirable.

There are two courses, the Classical (with Greek), and the Scientific or Academic (without Greek). The subjects taught are as follows:

LATIN

Junior Class. Instruction in the essentials of the language. Translations of short stories, fables, dialogues. The writing in Latin of simple sentences. Drill on vocabulary.

Middle Class. Review of Latin in Comstock's Lessons. Viri Illustres Romae, with continuous drill in the grammar; analysis of words and sentences; prose composition based on the text.

Sub-Freshman Class. Cicero's Orations, first three against Catiline, with sight translations of advance passages; drill in syntax; prose composition based upon Cicero. Vergil's Æneid, I-III, with study of Latin Prosody; Mythology.

GREEK

Middle Class. White's Elements; complete survey of the language with syntactical analysis of first eight chapters of Xenophon's Anabasis; study of word-formation, rules of syntax, historical allusions; special drill on vocabulary.

Students in the Scientific course take Physics and Physiology instead of Greek.

Sub-Freshman Class. Xenophon's Anabasis, I-III, with continuous drill in grammar and Attic forms. Translation at sight of book V, with special study of moods and tenses.

Students in the Scientific Course will take Physical Geography and History instead of Greek.

Students who are prepared for college in all the other entrance requirements will be allowed to concentrate upon Latin, Greek and Mathematics, and a special class will be organized for their benefit.

MATHEMATICS

Junior Class. Arithmetic to percentage; analysis of numbers; notation; special drill in Fractions, including Decimals.

Middle Class. Arithmetic completed, with the Metric system; Commercial Arithmetic. Wells' Elements of Algebra through Fractions.

Sub-Freshman Class. Algebra completed, with special drill in the Equation. Drill in Geometrical Figures with Kitchener's Note Book as a guide. Wentworth's Geometry, I-III; solution of original problems.

HISTORY

Junior Class. Eggleston's History of the United States; study by questions on the text, and by epochs. Frequent tests in writing.

Middle Class. Montgomery's History of the United States.

Sub-Freshman Class. Grecian and Roman History with attention to social customs, education, literature, thought and art. Reading from standard works in history and biography.

English and French History for students in the Scientific Course.

ENGLISH

Junior Class. English Grammar. Reading. Spelling. Punctuation; use of capitals. Writing from dictation. Letter writing. Literature: Dr. Brown's Rab and His Friends, Hughes' Tom

Brown's School Days, Kingsley's Heroes, and Westward Ho, Hawthorne's Wonder Book, Burroughs' Birds and Bees, Irving's Sketch Book.

Middle Class. Buehler's English Grammar. Reading, recitation, composition and declamation. Spelling, punctuation, capitals. Narration and description. Study of outlines.

Literature: Church's Story of the Iliad, Cooper's Last of the Mohicans, Longfellow's Miles Standish and Evangeline, Dickens' Christmas Carols, Tennyson's Enoch Arden.

Sub-Freshman Class. Syntactical analysis. Buehler's Practical Exercises. Study of the paragraph; figures; types of style. Abstracts and outlines. Declamation. Composition.

Literature: Macaulay's Essay on Frederick the Great, Sir Roger de Coverley Papers, Scott's Ivanhoe and Lady of the Lake, Hawthorne's Scarlet Letter, Eliot's Silas Marner, Tennyson's Idylls of the King, De Quincey's The Flight of the Tartars.

NATURAL SCIENCE

Junior Class. Geography, Industrial and Political, with map drawing. Natural History; survey of the Mineral, Vegetable and Animal Kingdoms.

Middle Class. Cooley's Physics. Physiology with direct reference to Hygiene.

Sub-Freshman Class. Physical Geography. Natural laws and forces.

BUSINESS

A course of instruction is given in Book-keeping when desired. This course is intended to fit young men for a business career.

PHYSICAL EXERCISE

The building is surrounded with large and pleasant grounds adapted to foot-ball, base-ball, tennis and other out-door sports; and in addition to this the students enjoy all the privileges and instruction of the College Gymnasium.

BUILDINGS AND ROOMS

The building, located on a slight eminence north of the town, is heated throughout by steam. It has recently

been thoroughly repaired and renovated. The rooms on the third floor are now arranged *en suite* with a broad archway separating the study and sleeping apartments. On the second floor the rooms are separate. The plaster and wood-work has been renewed and repainted and the building neatly papered throughout.

The rooms have been refurnished with heavy oak wardrobes, bookcases, washstands, tables and chairs. Iron enameled beds, complete with springs and mattresses, are also provided. Two students occupy two rooms, one for studying the other for sleeping. The rooms are furnished with two single bedsteads, mattresses, chairs, table, bookcase, clothes closet, window curtains and washstand. The other articles needed for the rooms, and *to be furnished by the occupants*, are as follows: Washbowl and pitcher, mirror, lamp, oil-can, slop-pail and carpet. The carpet for a third floor study room is $10\frac{1}{2}$ by $10\frac{1}{2}$, sleeping room $10\frac{1}{2}$ by 11, for a second floor study room 10 by $12\frac{1}{2}$. Each student must also be provided with towels, three sheets for single bed, two pillow slips, a spread, comforts and blankets, and a feather pillow.

EXPENSES

	FALL TERM 15 WEEKS	WINTER TERM 12 WEEKS	SPRING TERM 11 WEEKS
Tuition,	\$12.00	\$9.00	\$9.00
Room-rent and Use of Furniture,	8.25	7.00	7.00
Steam Heat,	3.60	4.20	1.80
Gymnasium Fee,	2.00	2.00	2.00
Incidentals,	5.00	5.50	4.50
	<hr/> \$30.85	<hr/> \$27.70	<hr/> \$24.30

Students do not board in the building, but in clubs and private families at a cost of from \$1.80 to \$3.00 a week. Washing is \$1.25 a month. A deposit of one dollar will

be required at the beginning of the year to insure the return of keys and the proper care of the room. This will be returned to the student at the end of the year if no damage has been sustained. Students who do not room in the building are not charged for room-rent or for heating.

All bills with the Institution must be paid at the beginning of each term. Money entrusted to the Principal for the use of the students will be expended as desired.

A TEACHERS' COURSE

is conducted during the Spring term.

The course, recognizing the existence of a science and an art of education which imposes the duty of preparation on those who would teach, desires first of all to afford an opportunity to make a helpful, practical study of some of the essential principles which underlie and actuate true teaching. To the accomplishment of this end daily work will be given in the Theory and Practice of Teaching. This work, by means of recitations, discussions, talks, etc., will point out the practical bearings of the History of Education, Psychology and School Management on the every-day duties and privileges of the school room. Mr. A. B. B. Van Ormer, a graduate in pedagogy, will have charge. Experienced teachers will be employed in addition to the regular corps.

But this course, while laying emphasis on the professional side of a teacher's preparation, also duly recognizes the paramount importance of a thorough knowledge of the subject-matter to be taught. Consequently daily recitations will be conducted in all the "common school" branches. In the presentation of these subjects the

“topical method” will be followed, which admits of the use of *any* standard text book.

Students in this course are allowed the use of the College library, equipment, etc. Dr. Stahley, Professor of Hygiene and Physical Culture, will deliver several illustrative lectures to the class in Physiology. The Astronomical Observatory with its fine large telescope will be used in personal observation and study of the solar system in its relation to the geography of the earth.

During the term several general tests will be held preparatory to the regular county examination.

Any person taking the course may study Book-keeping, Algebra, Geometry, Latin, Greek, etc., without additional charges for tuition.

The tuition for the term of eleven weeks is . \$13.50

This fee includes the entire course, there being no extra charges for additional branches.

Board can be secured at very moderate rates. See p. 49.

Term begins April 3.

Term closes June 18.

For further information address

REV. CHARLES H. HUBER, A.M.,

Principal.

REGISTER OF STUDENTS

COLLEGIATE DEPARTMENT

NOTE.—* indicates Scientific Course, † Select Course.

GRADUATE

Charles Roy Coble, A.B., '97, *Lykens*, 31 E. Middle St.

SENIOR CLASS

Samuel Willard Ahalt,	<i>Burkittsville, Md.,</i>	14 M.
*Harry George Amick,	<i>Philadelphia,</i>	5 S.
Ira Bruce Amick,	<i>Philadelphia,</i>	5 S.
Allen Franklin Basehoar,	<i>Gettysburg, Chambersburg Road.</i>	
Walter John Bickel,	<i>Pittsburg,</i>	21 S.
Emory David Bream,	<i>Gettysburg, 134 Chambersburg St.</i>	
Martin Luther Clare,	<i>Abbottstown,</i>	28 E.
Paul Gerhardt Cressman,	<i>Lewistown,</i>	11 E.
Silas Harman Culler,	<i>Jefferson, Md.,</i>	22 M.
Mark Kurtz Eckert,	<i>Gettysburg, 26 Centre Square.</i>	
Frank Speck Fite,	<i>Pittsburg,</i>	17 W.
Wilbur Henry Fleck,	<i>Tyrone,</i>	9 M.
John Trauger Fox,	<i>Philadelphia,</i>	37 E.
Luther Eugene Henry,	<i>Blain,</i>	16 W.
Frederick Arnold Hightman,	<i>Waterford, Va.,</i>	11 W.
Benjamin Franklin Hohenshilt,	<i>Centre,</i>	1 E.
Carl Stichter Karmany,	<i>Lebanon,</i>	7 S.
Martin Schaeffer Karmany,	<i>Lebanon,</i>	7 S.
John Gelwicks Koser,	<i>Arendtsville,</i>	26 W.
Milton Ralph Long,	<i>Fayetteville,</i>	11 and 13 S.

David Sylvester Martin,	<i>Hanover,</i>	39 E.
David Montfort Melchior,	<i>Springtown,</i>	153 York St.
John Franklin Newman,	<i>Fayetteville,</i>	14 S.
William Cramp Ney,	<i>Harrisburg,</i>	33 S.
Reese St. Clair Poffenbarger,	<i>Rohrersville, Md.,</i>	33 S.
William H. Winfield Reimer,	<i>Stone Church,</i>	17 E.
Arthur Bean Richard,	<i>Lovettsville, Va.,</i>	20 W.
William M. Robenolt,	<i>Fayette, N. Y.,</i>	11 and 13 S.
Henry Calhoun Rose,	<i>Cumberland Valley,</i>	33 E.
Edward Clayton Ruby,	<i>Gettysburg,</i>	157 Carlisle St.
Menno Sharp,	<i>Brickerville,</i>	30 E.
James Arthur Smyser,	<i>Dillsburg,</i>	9 W.
*William Griffith Smyser,	<i>Dillsburg,</i>	9 W.
Charles Clarence Storrick,	<i>Gettysburg,</i>	115 N. Stratton St.
*Annie Martha Swartz, ✓	<i>Gettysburg,</i>	238 Baltimore St.
*James Donald Swope,	<i>Gettysburg,</i>	208 Baltimore St.
James Calvin Taylor,	<i>Gettysburg,</i>	115 N. Stratton St.
Clyde Baker Weikert,	<i>Woodsboro, Md.,</i>	1 S.
Paul Daniel B. Witman,	<i>Pottsville,</i>	22 E.

Seniors, 39.

JUNIOR CLASS

*David Snider Babylon,	<i>Westminster, Md.,</i>	8 S.
Ralph Henry Bergstresser,	<i>Lykens,</i>	25 W.
Harry Benton Burkholder,	<i>Mercersburg,</i>	1 E.
Curtis Edward Cook,	<i>Harrisburg,</i>	24 E.
Edgar Allen Crouse,	<i>Littlestown,</i>	20 E.
*David Leslie Diehl,	<i>Upton,</i>	8 W.
*Jacob Diehl,	<i>Greencastle,</i>	21 W.
Paul William Eyster,	<i>York,</i>	38 E.
Maurice Heffley Floto,	<i>Berlin,</i>	2 S.
Charles Sumner Gracey,	<i>Everett,</i>	30 S.
William Walter Hartman,	<i>Pittsburg,</i>	6 S.
Edward Buchanan Hay,	<i>Red Hook, N. Y.,</i>	23 S.
William Franklin Hersh,	<i>Pennsburg,</i>	27 W.

*Daniel Clarence Jacobs,	<i>Mummasburg,</i>	135 Chambersburg St.
Frank Stoddard Lenker,	<i>Schuylkill Haven,</i>	3 S.
*Robert Willis Lenker,	<i>Schuylkill Haven,</i>	3 S.
Harold Steck Lewars,	<i>Gettysburg,</i>	157 Carlisle St.
Ralph Phaon Lewars,	<i>Gettysburg,</i>	157 Carlisle St.
William Perry McLaughlin,	<i>Mason and Dixon,</i>	19 S.
Paul Augustus Martin,	<i>Boys,</i>	15 and 17 S.
Edgar Carlton Mumford,	<i>Braddock, Md.,</i>	30 W.
*Robert Harry Philson,	<i>Meyersdale,</i>	2 S.
Rose Emma Plank, ✓	<i>Gettysburg,</i>	272 Buford Ave.
George Snavely Rentz,	<i>Pottsville,</i>	21 and 23 E.
Herbert Adron Rinard,	<i>Rays Hill,</i>	21 and 23 E.
Mary Cecilia Sieling, ✓	<i>York,</i>	135 Chambersburg St.
Edward Philip Stair,	<i>York,</i>	20 S.
*Herbert Louis Stifel,	<i>Allegheny,</i>	17 M.
†‡Charles David Speer,	<i>Pittsburg,</i>	12 W.
David Sparks Weimer,	<i>Clearville,</i>	59 York St.
*Uriah Francis White,	<i>Manheim,</i>	15 and 17 S.
Norman Ash Yeany,	<i>Shannondale,</i>	28 E.
†Charles Theodore Yost,	<i>Brooklyn, N. Y.,</i>	31 E.
*Howard Boylston Young,	<i>Middletown,</i>	19 S.

Juniors, 34.

SOPHOMORE CLASS

†Arthur Edwin Adams,	<i>Montgomery,</i>	11 E.
Mary Catharine Adams, ✓	<i>Gettysburg,</i>	Confederate Ave.
William Wallace Barkley,	<i>Imler,</i>	10 M.
Geo. Fred. Hampton Berwager,	<i>Wentz's, Md.,</i>	23 W.
Lloyd Klose Bingaman,	<i>Mifflinburg,</i>	16 and 18 S.
Adie Elmer Black,	<i>El Dorado,</i>	Observatory.
John Blair Boyer,	<i>New Haven, Conn.,</i>	37 E.
Edward Stewart Bream,	<i>Gettysburg,</i>	Harrisburg Road.
Joseph Howard Bream,	<i>Gettysburg,</i>	134 Chambersburg St.

† Deceased, Oct. 24, 1901.

Samuel Allen Conway,	<i>Dallastown,</i>	18 M.
Wm. Reuben Shaffer Denner,	<i>Manchester, Md.,</i>	29 W.
John Maclay Diehl,	<i>Cashtown,</i>	Cashtown.
Hypatia Diller, ✓	<i>York Springs,</i>	168 Carlisle St.
James Garfield Diller,	<i>Gettysburg,</i>	140 York St.
Bessie Mae Draais, ✓	<i>Gettysburg,</i>	109 Springs Ave.
*Geo. Lew. Wellington Eppler,	<i>Cumberland, Md.,</i>	34 and 35 S.
*William Bunn Fischer,	<i>Shamokin,</i>	33 E.
Curtis Fisher,	<i>Johnstown,</i>	16 and 18 S.
Stanley Channing Fowler,	<i>Brooklyn, N. Y.,</i>	24 W.
Paul Froehlich,	<i>Harrisburg,</i>	24 S.
†May Trenkle Garlach, ✓	<i>Gettysburg,</i>	56 Chambersburg St.
*Walter Alexander Geesey,	<i>Altoona,</i>	16 W.
Josaver Winfield Gentzler,	<i>Thomasville,</i>	18 M.
*Colstin Bernard Gladfelter,	<i>Seven Valley,</i>	9 S.
Paul Gladfelter,	<i>Neimans,</i>	21 W.
*Windom Cook Gramley,	<i>Spring Mills,</i>	13 E.
Lyman Abram Guss,	<i>Patterson,</i>	20 M.
Mervin Roy Hampsher,	<i>Chambersburg,</i>	15 E.
Albert Martz Hinkel,	<i>Codorus,</i>	12 E.
James Hipple,	<i>Middletown,</i>	24 E.
*Norman Danner Hoke,	<i>Gettysburg,</i>	19 W. High St.
Beulah Floretta Horner, ✓	<i>Harney, Md.,</i>	166 Carlisle St.
Carrie Edna Inglebirt, ✓	<i>Gettysburg,</i>	Confederate Ave.
Daniel Ketterman,	<i>Glenville,</i>	32 E.
Frank Layman,	<i>Greencastle,</i>	10 M.
William Cornelius Lott,	<i>Gettysburg,</i>	5 E.
Mary Ada McLinn, ✓	<i>Bloomsburg,</i>	168 Carlisle St.
Frederick Garman Masters,	<i>Rockwood,</i>	12 M.
John Andrew Maught,	<i>Burkittsville, Md.,</i>	14 M.
Charles Henry May,	<i>Manchester,</i>	18 W.
Sam'l Baughman Meisenhelder,	<i>York,</i>	34 and 35 S.
Norton Chas. Beamer Miller,	<i>Gettysburg,</i>	21 York St.
Arthur Edmund Rice,	<i>Gettysburg,</i>	7 Hanover St.
Joseph Eugene Rowe,	<i>Emmitsburg, Md.,</i>	15 E.

*Clarence Milton Schaeffer,	<i>Westminster, Md.,</i>	8 M.
Hauer Hall Sharp,	<i>Lebanon,</i>	30 E.
*Fulton Norwood Shipley,	<i>Meyersdale,</i>	11 and 13 S.
†Goodell Sieber,	<i>Gettysburg,</i>	37 W. Middle St.
*James Walter Singmaster,	<i>Macungie,</i>	10 and 12 S.
Walter Young Sprenkle,	<i>Hanover,</i>	1 S.
Fred. Charles Jos. Sternat,	<i>Baltimore, Md.,</i>	24 S.
Ira Washington Trostle,	<i>Arendtsville,</i>	26 W.
Samuel Pool Weaver,	<i>Greensburg,</i>	25 E.
Abdel Ross Wentz,	<i>Lineboro, Md.,</i>	12 E.
Mary Brownlee Wilson,	<i>Cobleskill N. Y.,</i>	2 Carlisle St.
Norman Samuel Wolf,	<i>Abbottstown,</i>	33 W. Middle St.
Sophomores, 56.		

FRESHMAN CLASS

Philip Raymond Bikelé,	<i>Gettysburg,</i>	2 Campus.
Walter Scott Bonnell,	<i>Junction, N. J.,</i>	36 E.
Bender Z. Clinton Cashman,	<i>New Oxford,</i>	New Oxford.
*Bruce Urban Parker Cobaugh,	<i>Somerset,</i>	12 M.
†Paul Homer Cover,	<i>Frizzelburg, Md.,</i>	31 S.
†John Christopher Diehl,	<i>New Oxford,</i>	New Oxford.
James Allen Dickson,	<i>Gettysburg,</i>	103 W. Middle St.
*Frederick Smith Earnshaw,	<i>Gettysburg,</i>	224 Baltimore St.
*Tillottson Fryatt,	<i>Martinsburg, W. Va.,</i>	9 M.
John Stonesifer Gilbert,	<i>Gettysburg,</i>	117 Carlisle St.
*Ross Kirby Gilbert,	<i>Chambersburg,</i>	8 M.
*James Brown Graff,	<i>Worthington,</i>	9 S.
Joel Emory Grubb,	<i>Newport,</i>	27 E.
Harvey Solomon Haar,	<i>Zieglers,</i>	19 E.
Jacob Lott Hartzell,	<i>York,</i>	22 M.
*John Granville Heaps,	<i>Street, Md.,</i>	29 E.
Charles William Heathcote,	<i>Hanover,</i>	13 W.
Robert Nicholas Heltzell,	<i>Hunterstown,</i>	Hunterstown.
Arthur William Hershey,	<i>Hanover,</i>	Hanover.

†Deceased, Jan. 6, 1902.

William Hewson,	<i>Philadelphia,</i>	10 E.
Mary Catharine Hoffman, ✓	<i>Gettysburg,</i>	232 Chambersburg St.
†George Gitt Hollinger,	<i>Abbottstown,</i>	29 E.
†Elmer Clarence Johns,	<i>McSherrystown,</i>	27 S.
George Ketterman,	<i>Glenville,</i>	32 E.
Harry Clare Kleckner,	<i>Cisna Run,</i>	19 W.
*Latimer Augustus LaMotte,	<i>Lamotte, Md.,</i>	20 E.
James Blaine Landis,	<i>Berlin,</i>	14 M.
*John Harmon Lemon,	<i>Montoursville,</i>	26 E.
Mitchell Mahlon Metzger,	<i>Turtle Creek,</i>	6 M.
†John Ellis Curtis Miller,	<i>New Oxford,</i>	New Oxford.
*Albert Abraham Partner,	<i>Patterson,</i>	20 M.
Lloyd Emory Poffinberger,	<i>Foltz,</i>	30 W.
*George Rupp Pretz,	<i>Steelton,</i>	16 M.
Harry Randolph Rice,	<i>Gettysburg,</i>	7 Hanover St.
Fred Ludwig Roth,	<i>Pittsburg,</i>	35 E.
William Martin Seligman,	<i>Butler,</i>	7 Chambersburg St.
*Marlin Wilmer Shorb,	<i>Double Pipe Creek, Md.,</i>	4 S.
*Edmund Hoopes Singmaster,	<i>Gettysburg,</i>	Confederate Ave.
*Howard Mattern Singmaster,	<i>Macungie,</i>	10 and 12 S.
†Harry Luther Smith,	<i>Harrisburg,</i>	25 S.
*John Criswell Stine,	<i>Shippensburg,</i>	4 S.
*Guy Revere Thomas,	<i>Biglerville,</i>	26 S.
†Walter John Tilp,	<i>Fort Washington,</i>	35 E.
Nellie May Tipton, ✓	<i>Gettysburg,</i>	48 Chambersburg St.
*Harold Schick Trump,	<i>Martinsburg, W. Va.,</i>	9 M.
Harry Oristus Wagner,	<i>Union Deposit,</i>	26 E.
Isaac Elmer Walter,	<i>Alga,</i>	23 Mummasburg St.
†William Edgar Weills,	<i>Harrisburg,</i>	22 S.
*Luella White, ✓	<i>Emmitsburg, Md.,</i>	34 W. Middle St.

Freshmen, 49.

PREPARATORY STUDENTS

George Nicholas Acker,	<i>Washington, D. C.,</i>	43 St.
William Samuel Adams,	<i>Gettysburg,</i>	Confederate Ave.
Martin Eli Anderson,	<i>Chicago, Ill.,</i>	27 St.
Edythe Rebecca Arendt,	<i>Gettysburg,</i>	Hunterstown Road.
Parley Poffinberger Baker,	<i>Berlin,</i>	28 St.
Jesse Ethan Benner,	<i>Gettysburg,</i>	Baltimore Pike.
Albert Billheimer,	<i>Gettysburg,</i>	108 Springs Ave.
John William Bigham,	<i>Gettysburg,</i>	135 Chambersburg St.
Jonas Sahrer Blank,	<i>Pittsburg,</i>	41 St.
Edwin Butler Boyer,	<i>Accident, Md.,</i>	23 St.
Mervin Roy Dechert,	<i>New Oxford,</i>	New Oxford.
John William Delap,	<i>Gettysburg,</i>	41 Railroad St.
James Erwin Diehl,	<i>Cashtown,</i>	Cashtown.
Wellington Roe Emmert,	<i>York Springs,</i>	34 St.
Albon Ellsworth Fichtner,	<i>Johnstown,</i>	45 St.
Ida Virginia Fiscel,	<i>Gettysburg,</i>	227 Baltimore St.
Mary Swartz Fiscel,	<i>Gettysburg,</i>	227 Baltimore St.
Charles Augustus Frommeyer,	<i>Bonneauville,</i>	Bonneauville.
Charles Edward Fry,	<i>Brunswick, Md.,</i>	29 St.
John James Garvin,	<i>Gettysburg,</i>	213 Buford Ave.
Chester A. Arthur Geesaman,	<i>Rouzerville,</i>	24 St.
Isabelle Gertrude Griffith,	<i>Gettysburg,</i>	47 W. High St.
Warren Lavere Hafer,	<i>Abbottstown,</i>	40 St.
Clifford Clinton Hartman,	<i>Pittsburg,</i>	6 S.
David Martin Hershey,	<i>Heidlersburg,</i>	166 Carlisle St.
John Willard Hershey,	<i>Tillie,</i>	209 N. Washington St.
George William Hill, Jr.,	<i>Frostburg, Md.,</i>	18 E.
Joseph Hendrix Himes,	<i>New Oxford,</i>	New Oxford.
Elsie Howe,	<i>New Chester,</i>	1 Steinwehr Ave.
Howard Ellwood James,	<i>Reading,</i>	22 E.
Harrison Kauffman,	<i>Paxton,</i>	218 N. Stratton St.
James Parker Keefer,	<i>Websters Mill,</i>	44 St.
Bessie Kittinger,	<i>McKnightstown,</i>	McKnightstown.

Edna Klinger,	<i>Sybertsville,</i>	129 Lincoln Ave.
Joseph Masters Kunkle,	<i>Johnstown,</i>	45 St.
John Townsend Lafferty,	<i>Avonmore,</i>	41 St.
Lloyd Leslie Lammert,	<i>Frostburg, Md.,</i>	18 E.
Frances McClean,	<i>Gettysburg,</i>	150 York St.
Harriet Anderson McGill,	<i>Thurmont, Md.,</i>	202 Chambersburg St.
Mary Buchanan McGill,	<i>Thurmont, Md.,</i>	202 Chambersburg St.
Lottie McIlhenny,	<i>Gettysburg,</i>	1 Steinwehr Ave.
John Charles Matt,	<i>Philadelphia,</i>	41 St.
John Daniel Matz,	<i>Pinedale,</i>	26 St.
Clara Grace Meckley,	<i>Gettysburg,</i>	1 Steinwehr Ave.
Ernest Glen Miller,	<i>Cashtown,</i>	Cashtown.
Peter Paul Miller,	<i>New Oxford,</i>	New Oxford.
Ida Victoria Miller,	<i>Gettysburg,</i>	147 W. Middle St.
David Norman Mincemoyer,	<i>Watsonstown,</i>	33 St.
George Gordon Parker,	<i>Colwyn,</i>	32 St.
Ira David Plank,	<i>Gettysburg,</i>	26 S.
Mary Eleanor Power,	<i>Gettysburg,</i>	47 Breckenridge St.
John August Herman Prum,	<i>New York, N. Y.,</i>	46 St.
Fenton Richard Quigley,	<i>Lewistown,</i>	46 St.
Harry Webster Ramer,	<i>Watsonstown,</i>	31 St.
Edgar Nevin Rhodes,	<i>Emmitsburg, Md.,</i>	166 Carlisle St.
George Andrew Shank,	<i>Biglerville,</i>	168 Carlisle St.
Robert William Schnitzer,	<i>Gettysburg,</i>	4 Carlisle St.
Russell Shoemaker,	<i>Harney, Md.,</i>	25 St.
Charles Fager Shriver,	<i>York,</i>	30 St.
Paul Rothrock Sieber,	<i>Gettysburg,</i>	37 W. Middle St.
Paul Singmaster,	<i>Gettysburg,</i>	Confederate Ave.
Elmer Louis Smith,	<i>Allegheny,</i>	44 St.
John Henry Snoke,	<i>Newville,</i>	7 E.
Joseph Troxel Spangler,	<i>Gettysburg,</i>	124 Carlisle St.
Joseph Freas Staley,	<i>Middletown,</i>	38 St.
Nellie Kate Starner,	<i>Arendtsville,</i>	36 N. Washington St.
Amy Marie Stock,	<i>Gettysburg,</i>	83 N. Washington St.
Gertrude Stonesifer,	<i>Gettysburg,</i>	48 Stevens St.

COMMENCEMENT 1901

HONORS, PRIZES AND DEGREES

CLASS OF 1901

FIRST HONOR :

William A. Leisenring,	. . .	Chambersburg.
Victor Frey,	. . .	York.
Charles M. A. Stine,	. . .	Harrisburg.

SECOND HONOR :

Perc. S. Heintzelman	. . .	Fayetteville,
David C. Burnite,	. . .	Harrisburg.
William H. Hetrick,	. . .	Harrisburg.

APPOINTMENTS :

Victor Frey,	. . .	Valedictory.
Wm. G. Leisenring,	. . .	Latin Salutatory

GRAEFF PRIZE IN ENGLISH :

David C. Burnite,	. . .	Harrisburg.
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CLASS OF 1902

HASSLER MEDAL IN LATIN :

William M. Robenolt,	. . .	Fayette, N. Y.
with honorable mention of		
Arthur B. Richard,	. . .	Lovettsville, Va.
Clyde B. Weikert,	. . .	Woodsboro, Md.
Edward C. Ruby,	. . .	Gettysburg.
Charles C. Storrick,	. . .	Getty burg.
Milton R. Long,	. . .	Fayetteville.
D. Montfort Melchior,	. . .	Springtown.
John F. Newman,	. . .	Fayetteville.

REDDIG PRIZE IN ORATORY :

William C. Ney, Harrisburg.

with honorable mention of

R. St. C. Poffenbarger, Rohrsersville, Md.

CLASS OF 1903

BAUM MATHEMATICAL PRIZE :

David S. Weimer, Clearville.

with honorable mention of

Mary C. Sieling, York.

Edward P. Stair, York.

CLASS OF 1904

MUHLENBERG PRIZE IN GENERAL SCHOLARSHIP :

Abdel R. Wentz, Jr., Lineboro, Md.

with honorable mention of

Frank Layman, Greencastle.

Lyman A. Guss, Patterson.

GENERAL COMPETITION

GIES PRIZES IN ENGLISH COMPOSITION

FIRST PRIZE :

David C. Burnite (1901), . . . Harrisburg.

SECOND PRIZE :

Joseph B. Baker (1901), . . . Lititz.

THIRD PRIZE :

Charles M. A. Stine (1901), . . Harrisburg.

with honorable mention of

Charles W. Weiser (1902), . . . Millheim.

HONORARY DEGREES

DOCTOR OF DIVINITY :

H. A. Gersden,	. . . . .	New York City.
William A. Shipman,	. . . . .	Johnstown.
Edwin H. Leisenring,	. . . . .	Chambersburg.
Milton H. Valentine,	Philadelphia.

DOCTOR OF LAWS :

Prof. Edsall Ferrier, D.D.,	Easton.
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DOCTOR OF LITERATURE :

Hon. Henry Houck,	Lebanon.
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SUMMARY (EXCLUSIVE OF HONORARY DEGREES)

Bachelors of Arts,	1,159
Bachelors of Science,	59
Doctors of Philosophy (holding their first degree from other Institutions),		<u>7</u>
Whole number of graduates,	1,225

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SEVENTY-FIRST ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

PENNSYLVANIA COLLEGE

GETTYSBURG, PENN'A.

FOR THE ACADEMIC YEAR

1902--1903.

GETTYSBURG, PA.:
BARBEHENN & LITTLE, LTD., PRINTERS
1903.

CALENDAR, 1902--1903

1902.
Sept. 11. Thursday morning—beginning of First Term.
Dec. 19. End of First Term.

WINTER VACATION.

1903.
Jan. 6. Beginning of Second Term.
Jan. 25. Day of Prayer for Colleges.
March 26. End of Second Term.
March 26. Beginning of Third Term.

EASTER RECESS, NOON APRIL 9, TO MORNING APRIL 13.

- April 28. Junior Latin Examination for Hassler Prize.
May 25, 26, 27. Final Examination of Senior Class.
May 31. Sunday Morning—Baccalaureate Sermon by REV.
HARVEY W. MCKNIGHT, D.D., LL.D.
May 31. Sunday Evening—Discourse before the Y. M. C. A.
June 1, 2. Entrance Examinations.
June 2. 8 A. M., Tuesday—Meeting of Board of Trustees.
June 2. 10 A. M., Tuesday—Junior Oratorical Contest.
June 2. Evening—Annual meeting of Alumni—Alumni Colla-
tion—President's Reception.
June 3. 9 A. M., Wednesday—Commencement Exercises.

SUMMER VACATION.

- Sept. 10. Thursday Morning—Beginning of First Term.
Dec. 18. End of First Term.

TRUSTEES

P. H. GLATFELTER, President,	Spring Forge.
HON. JOHN A. SWOPE, Vice President,	Gettysburg.
CHARLES M. STOCK, D.D., Secretary,	Hanover.
PRES. H. W. McKNIGHT, D.D., LL.D.,	Gettysburg.
J. GEORGE BUTLER, D.D.,	Washington, D. C.
MILTON VALENTINE, D.D., LL.D.,	Gettysburg, Pa.
LUTHER E. ALBERT, D.D.,	Germantown.
GEORGE RYNEAL, JR.,	Washington, D. C.
HON. SAMUEL D. SCHMUCKER, LL.D.,	Baltimore, Md.
JOHN G. GOETTSMAN, D.D.,	Allegheny.
JACOB BUEHLER,	Harrisburg.
BENJAMIN S. KUNKLE,	Philadelphia.
JOHN F. GWINNER,	Easton.
HON. EDMUND D. GRAFF,	Worthington.
HON. S. McC. SWOPE,	Gettysburg.
W. H. DUNBAR, D.D.,	Baltimore, Md.
T. C. BILLHEIMER, D.D.,	Gettysburg.
JOHN WAGNER, D.D.,	Hazleton.
MATTHEW G. BOYER, D.D.,	New Haven, Conn.
T. BLAIR PATTON,	Huntingdon.
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HENRY C. PICKING,	Gettysburg.
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WILLIAM J. MILLER,	Philadelphia.
CHARLES F. STIFEL,	Allegheny.
ALBERT F. FOX,	Washington, D. C.
H. H. WEBER, D.D.,	York.
HON. J. P. S. GOBIN,	Lebanon.
HON. H. M. CLABAUGH,	Washington, D. C.
CHARLES BAUM, Ph.D., M.D.,	Philadelphia.
J. HARRY FRITZ,	Somerset.

FACULTY AND INSTRUCTORS

HARVEY W. McKNIGHT, D.D., LL.D.,
PRESIDENT, AND WILLIAM BITTINGER PROFESSOR OF INTELLEC-
TUAL AND MORAL SCIENCE.

3 Campus

JOHN A. HIMES, A.M., Litt.D.,
GRAEFF PROFESSOR OF ENGLISH LITERATURE AND POLITICAL
SCIENCE, AND LIBRARIAN.

130 Carlisle Street

REV. PHILIP M. BIKLE, Ph.D.,
DEAN, AND PEARSON PROFESSOR OF THE LATIN LANGUAGE AND
LITERATURE.

2 Campus

EDWARD S. BREIDENBAUGH, Sc.D.,
OCKERSHAUSEN PROFESSOR OF CHEMISTRY AND MINERALOGY,
AND CURATOR OF THE MUSEUM.

227 Carlisle Street

GEORGE D. STAHLEY, A.M., M.D.,
DR. CHARLES H. GRAFF PROFESSOR OF PHYSICAL CULTURE AND
HYGIENE, AND SECRETARY OF THE FACULTY.

Confederate Avenue

HENRY B. NIXON, Ph.D.,
PROFESSOR OF MATHEMATICS AND ASTRONOMY.

1 Campus

ELI HUBER, D.D.,
AMANDA RUPERT STRONG PROFESSOR OF ENGLISH BIBLE, AND
CHAPLAIN.

411 Carlisle Street

REV. OSCAR G. KLINGER, A.M.,
FRANKLIN PROFESSOR OF THE GREEK LANGUAGE AND LITERA-
TURE.

129 Lincoln Street

REV. SAMUEL G. HEFELBOWER, A.M.,
ACTING PROFESSOR OF THE GERMAN LANGUAGE AND LITERATURE,
AND INSTRUCTOR IN FRENCH.

66 Chambersburg Street

PENNSYLVANIA COLLEGE.

5

CLYDE B. STOVER, A.M.,

ASSISTANT IN CHEMISTRY.

34 Stevens Street

HON. DONALD P. McPHERSON, A.M., LL.B.,

LECTURER ON JURISPRUDENCE.

230 Carlisle Street

REV. CHARLES H. HUBER, A.M.,

PRINCIPAL OF THE PREPARATORY DEPARTMENT, AND PROFESSOR
OF LATIN AND ENGLISH.

411 Carlisle Street

HARRY A. LANTZ, A.B.,

TUTOR IN MATHEMATICS AND NATURAL SCIENCE.

42 Stevens Hall

CHARLES C. STORRICK, A.B.,

TUTOR IN GREEK AND HISTORY.

16 Stevens Hall

EMILY B. HORNER, A.B.,

INSTRUCTOR IN ENGLISH AND PEDAGOGY.

51 Chambersburg Street

HOWARD E. JAMES,

PHYSICAL INSTRUCTOR.

30 East College

CURTIS E. COOK,

PROCTOR.

9 Middle College

EDWARD B. HAY,

PROCTOR.

14 South College

HARRY C. PICKING,

TREASURER.

6 York Street

SALLIE P. KRAUTH,

ASSISTANT LIBRARIAN.

3 Baltimore Street

COURSES OF STUDY

The College offers the following courses :

- I. A Classical course leading to the degree of A. B.
- II. A Scientific course leading to the degree of B. S.
- III. Special courses without reference to a degree.
- IV. Graduate courses leading to the degree of Ph. D.

TERMS OF ADMISSION.

Entrance examinations are held on Monday and Tuesday before Commencement and on Thursday, the day of opening, in September. While there may be examinations at other times, all applicants are urged to present themselves on the days appointed. Students from the Preparatory Department are admitted to the Freshman class upon the recommendation of the Principal without further examination. Applicants recommended by approved Academies and High Schools as having mastered the required preparatory studies are admitted on an extended trial, without a formal examination. *Women are admitted to all departments as day scholars.*

CLASSICAL COURSE.

Candidates for the Freshman class are subject to examination in the following books or their equivalents :

LATIN.—Latin Grammar : three books of Cæsar's Gallic War ; three books of Virgil's *Æneid* ; three orations of Cicero.

GREEK.—Greek Grammar complete ; three books of the *Anabasis* ; Jones' Prose Composition complete.

MATHEMATICS.—Arithmetic complete, including the Metric System; Elementary Algebra (Wells' Academic, through Quadratics, Robinson's complete, or Wentworth's to Chapter XVIII); Geometry, three books of Wentworth's, or Phillips and Fisher's, or the equivalent in other authors.

ENGLISH.—In English the following books, recommended by the Association of Colleges and Preparatory Schools of the Middle States and Maryland, will be required:

For 1903: Addison's *Sir Roger de Coverley Papers*; Scott's *Ivanhoe*; Coleridge's *Ancient Mariner*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*; Milton's *L'Allegro, Il Penseroso* and *Comus*.

For 1904: Addison's *Sir Roger de Coverley Papers*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*; Milton's *L'Allegro, Il Penseroso, Lycidas*, and *Comus*.

For 1905: Addison's *Sir Roger de Coverley Papers*; Irving's *Life of Goldsmith*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe* and *Lady of the Lake*; Tennyson's *Lancelot and Elaine* and *Passing of Arthur*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

The candidate will be required to present evidence of a general knowledge of the subject matter and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics designed to test the candidate's power of clear and accurate expression and will call for only a general knowledge of the substance of the books. Questions involving the essentials of English

Grammar and the fundamental principles of Rhetoric will be part of the examination.

No candidate will be accepted in English whose work is notably deficient in spelling, punctuation, idiom, or division into paragraphs.

GEOGRAPHY AND HISTORY.—Modern Political Geography; History of the United States (the equivalent of Sheldon's); Essentials of Greek and Roman History.

SCIENTIFIC COURSE.

Candidates for the Freshman class of the Scientific Course are subject to the same examination as for the Classical Course with the omission of the Greek. For this omission may be substituted one of the following :

I. PHYSIOGRAPHY (Elementary Physical Geography), BOTANY (Elements of systematic and structural departments), or ELEMENTARY PHYSICS.

II. HISTORY.—Histories of England and France (Montgomery is recommended).

SPECIAL COURSE.

Students not candidates for a degree are admitted to the privileges of the College and allowed to take special undergraduate studies, selected with the approval of the Faculty in such a manner as to secure the full and profitable employment of their time. Such special students undergo the examination necessary to ascertain their fitness for the proposed courses.

A candidate for advanced standing, in addition to the foregoing studies, is examined in the various books which the class he proposes to enter has studied.

An accurate and thorough acquaintance with the studies required for admission is indispensable, in order to receive the full advantage of the college course. Students imperfectly prepared for the class they enter are embarrassed in their future progress and are seldom able to make up their deficiency.

No one is admitted to the Senior class after the beginning of the second term.

TESTIMONIALS.—Satisfactory testimonials of good moral character are required, and students from other institutions must bring certificates of regular and honorable dismissal.

SUPERVISION AND DEVOTIONAL EXERCISES.

The President and the Dean, residing on the Campus, have special supervision of the buildings and are at all times easily accessible to the students. The College seeks to secure the coöperation of each individual student in the preservation of good order and the attainment of a high standard of scholarship and manly conduct.

Prayers, with reading of the Scriptures and singing, conducted by the President or Chaplain, are attended daily at 7.40 A. M., on week days in Brua Chapel. The devotional exercises of Sunday, beginning at 8 A. M., are extended to an hour's study of the International Sunday School lesson. At 10.30 A. M., all the students are required to attend public worship in the College Church, or in such other place of worship as their parents or guardians may designate by written request. Catechetical instruction is provided for those who desire it, and students are welcomed to other religious services in the churches of the town.

The Young Men's Christian Association of the College is an active agent in promoting religious interest among the students. Regular and special meetings for prayer are conducted by the members and classes for Bible study are formed. An annual course of lectures and musical entertainments under the same auspices adds much to the social enjoyment and culture of the college community.

INSTRUCTION.

In the undergraduate courses each candidate for a degree must have sixteen exercises a week of required or elective work in recitations, lectures, or laboratory periods, besides the biblical hour on Sunday and the gymnasium periods. Usually there are three exercises each day except Saturday, when there is only one. Laboratory, drawing and surveying periods are each two and a half hours. A gymnasium period is one hour. A student in any of the special courses must have not less than eleven exercises a week.

RULES FOR THE CHOICE OF ELECTIVES.

1. No student shall be allowed to pursue any elective study unless the instructor in the same is satisfied that the student is prepared to pursue said study.

2. The choice of electives shall be made at the beginning of the year, and no change shall be allowed during the year.

The following schedule presents a general view of the studies and hours of the various classes:

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9	Greek	Latin.	Greek.	Latin.	Greek.	Latin
	10 or 11	Elocution.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	
	2 or 3	French.	History.	French.	History.	Bible.	
SOPHOMORE	8 or 9	Latin.	Greek.	Latin.	Greek.	Latin.	Greek.
	10 or 11	German.	English.	German.	English.	English.	
	2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
JUNIOR	8 or 9	English.	German.	Psychology.	Psychology.	English.	German.
	10 or 11	$\begin{cases} 1 \text{ } \textit{Math.} \\ 2 \text{ } \textit{English.} \\ 3 \text{ } \textit{Chemistry.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{Latin.} \\ 2 \text{ } \textit{Latin.} \\ 3 \text{ } \textit{Bible.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{Greek.} \\ 2 \text{ } \textit{Greek.} \\ 3 \text{ } \textit{Bible.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{Latin.} \\ 2 \text{ } \textit{Latin.} \\ 3 \text{ } \textit{Bible.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{Greek.} \\ 2 \text{ } \textit{Greek.} \\ 3 \text{ } \textit{Bible.} \end{cases}$	
	1 to 3	Chemistry.	$\begin{cases} 1 \text{ } \textit{Math.} \\ 2 \text{ } \textit{English.} \\ 3 \text{ } \textit{Chemistry.} \end{cases}$	Chemistry.	$\begin{cases} 1 \text{ } \textit{Math.} \\ 2 \text{ } \textit{English.} \\ 3 \text{ } \textit{Chemistry.} \end{cases}$	Chemistry.	
SENIOR	8 or 9	$\begin{cases} 1 \text{ } \textit{Astronomy.} \\ 2 \text{ } \textit{Theism.} \\ 3 \text{ } \textit{Physics.} \end{cases}$	Pol. Science.	$\begin{cases} 1 \text{ } \textit{Astronomy.} \\ 2 \text{ } \textit{Theism.} \\ 3 \text{ } \textit{Physics.} \end{cases}$	Pol. Science.	$\begin{cases} 1 \text{ } \textit{Astronomy.} \\ 2 \text{ } \textit{Theism.} \\ 3 \text{ } \textit{Physics.} \end{cases}$	Pol. Science. <i>Chemistry</i> (9). <i>Bible</i> (9).
	10 or 11	$\begin{cases} 1 \text{ } \textit{Physics.} \\ 2 \text{ } \textit{Geology.} \\ 3 \text{ } \textit{Biology.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{Physics.} \\ 2 \text{ } \textit{Geology.} \\ 3 \text{ } \textit{Biology.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{Evid. Christ.} \\ 2 \text{ } \textit{Ethics.} \\ 3 \text{ } \textit{German.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{Evid. Christ.} \\ 2 \text{ } \textit{Ethics.} \\ 3 \text{ } \textit{German.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{Physics.} \\ 2 \text{ } \textit{Geology.} \\ 3 \text{ } \textit{Biology.} \end{cases}$	<i>Biology.</i>
	2 3 1 to 3	$\begin{cases} 1 \text{ } \textit{Pol. Science.} \\ 2 \text{ } \textit{Sanit. Science.} \\ 3 \text{ } \textit{Chemistry.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{Hebrew.} \\ 2 \text{ } \textit{Greek.} \\ 3 \text{ } \textit{Latin.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{German.} \\ 2 \text{ } \textit{Latin.} \\ 3 \text{ } \textit{Chemistry.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{Hebrew.} \\ 2 \text{ } \textit{Greek.} \\ 3 \text{ } \textit{Latin.} \end{cases}$	$\begin{cases} 1 \text{ } \textit{German.} \\ 2 \text{ } \textit{Latin.} \\ 3 \text{ } \textit{Chemistry.} \end{cases}$	<i>Mineralogy.</i>

Astronomy, one hour a week (observatory (night) work).
Math. Problems, two periods a week at convenience.

Italics indicate Elective Studies.

Numerals 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

SCIENTIFIC COURSE

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9 10 or 11	Chemistry. Elocution.	Latin Mathematics	Chemistry. Mathematics.	Latin. Mathematics.	Chemistry. Mathematics.	Latin.
	2 or 3	French.	History.	French.	History.	Bible.	
	8 or 9 10 or 11	Latin. German.	Chemistry. English	Latin German.	Chemistry. English.	Latin. English.	Mech. Draw.
SOPHOMORE	2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
	8 or 9	English.	Surveying.	Psychology.	Psychology.	English.	German.
	10 or 11	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \\ \text{Physics.} \end{array} \right.$	German	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	Surveying (9)	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	
JUNIOR.	1 to 3	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \\ \text{Physics.} \end{array} \right.$	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \\ \text{Physics.} \end{array} \right.$	Chemistry.	
	8 or 9	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \\ \text{Physics.} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$	Pol. Science. Chemistry (9). Bible (9).
	10 or 11	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \\ \text{Chemistry.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Evid. Christ.} \\ \frac{1}{2} \text{ Ethics.} \\ \text{German.} \end{array} \right.$	$\left\{ \begin{array}{l} \frac{1}{2} \text{ Evid. Christ.} \\ \frac{1}{2} \text{ Ethics.} \\ \text{Hebrew.} \\ \text{Biology.} \\ \text{Mineralogy.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \\ \text{German.} \end{array} \right.$	Biology.
SENIOR.	2 3 1 to 3	$\left\{ \begin{array}{l} \text{Pol. Science.} \\ \text{Semit. Science.} \\ \text{Chemistry.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Hebrew.} \\ \text{Biology.} \\ \text{Mineralogy.} \end{array} \right.$	Chemistry.		Chemistry.	
	Astronomy, one hour a week Observatory (night) work.						
	Math. Problems, two periods a week at convenience.						

Italics indicate Elective Studies.

Numerals 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

DEPARTMENTS OF INSTRUCTION

PHILOSOPHY

President MCKNIGHT, Professors HIMES, HUBER, and KLINGER

1. *Psychology*. Mental phenomena are inductively treated, observed, classified and explained by being referred to their appropriate faculties and the conditions and laws of their production. Presentative and Representative knowledge, Thought and Intuition are successively considered and the processes by which the mind advances from a knowledge of individual objects to that of universals are traced. The fundamental relations and correlates involved in these processes are critically examined into, in connection with a discussion of the various theories of knowledge and tendencies of modern thought. Preparation is thus given for advanced courses in Psychology and Philosophy. A text-book is used with such comment and criticism as encourage accurate and independent thinking.

Junior required course. Two hours a week throughout the year.

President MCKNIGHT.

2. *Logic*. Jevons' Lessons in Logic. The analysis of arguments, their reduction to syllogistic form and the detection of common fallacies are the practical results aimed at in the study.

Junior required course. Two hours a week during the second term.

Professor HIMES.

3. *Ethics*. The study includes a critical examination of ethical theories relating to the Nature of Right, the Ground of Right, the Rule of Right, the Province of Right and Conscience. The student is conducted through an examination of Utilitarianism and other rejected theories to an immutable basis for right in the nature of God. The history of the different ethical theories is traced through succeeding schools from Socrates to the modern evolutionist.

Senior required course. Two hours a week during the latter half of the year.

President MCKNIGHT.

4. *Rational Theism*. Students are required to present from memory the chief points of the text-book, and these are further illustrated and impressed in conversation by additional points and

illustrations. By cumulative reviews they are enabled to offer orally a pretty complete system of Natural Theology.

Senior required course. Three hours a week, third term.

Professor KLINGER.

5. *Christian Evidence*. Fisher's Theistic and Christian Belief. While opposing theories are duly considered, the argument for Christianity from Miracles is accepted and defended. This argument is supported by others derived from various sources, such as the fulfillment of Prophecy, the adaptedness of Christianity to the needs of human nature, the superiority of Christian Doctrine, and the benevolent fruits of the religion of Christ.

Senior required course. Two hours a week, the first half of the year.

Professor HUBER.

MATHEMATICS AND ASTRONOMY

Professor NIXON

1. *Geometry*. Plane (books fourth and fifth), solid and spherical. (Wentworth.)

Freshman required course. Four hours a week the first term and one-third of the second term.

2. *Algebra*. Series; undetermined coefficients; binominal theorem; logarithms; determinants; theory of equations. (Wells.)

Freshman required course. Four hours a week during two-thirds of the second, and one-half of the third term.

3. *Trigonometry*. Trigonometric functions; right triangle; isosceles triangle; regular polygon; goniometry. (Wentworth.)

Freshman required course. Four hours a week, the last half of the third term.

4. *Trigonometry*. Oblique triangle; right spherical triangle; oblique spherical triangle; application of spherical trigonometry to the solution of astronomical and other problems. (Wentworth.)

Sophomore required course. Three hours a week, the last half of the third term.

5. *Plane Analytic Geometry*. Rectilinear, oblique and polar systems; relation between the rectilinear and polar systems; equations of the straight line; properties of rectilinear figures; circle; ellipse; hyperbola; parabola; tangents and normals; loci of the first and second order; higher plane loci; transcendental curves. (Hardy.)

Sophomore required course. Three hours a week during the second term and two-thirds of the third term.

6. *Surveying*. Practical use of instruments—compass, transit and level; plotting; computing areas; making profiles. (Wentworth.)

Sophomore required course. Three hours a week, the last third of the third term.

7. *Mechanical Drawing*. Geometrical construction; transcendental curves; section of the cone showing the ellipse, hyperbola and parabola; cylinders penetrating each other and the development of the same; isometric projections of solids; perspective.

Sophomore (Scientific) required course. One period a week during the year.

8. *Field Work in Surveying*. Use of the transit and level; rectangular surveying and use of traverse tables; triangulations; laying out curves; avoiding obstruction; leveling and setting grade stakes. (Carhart).

Junior (Scientific) required course. Two hours a week during the first term and one-half of the third term.

9. *Mechanics* (Statics). Composition and resolution of forces; parallel forces; equilibrium of a rigid body acted on by three forces in a plane; center of gravity; machines; work. (Loney.)

Junior (Scientific) required course. Two hours a week during the second term and half of the third term.

10. *Differential Calculus*. Differentiating expansion of series; maxima and minima; indeterminate forms; tangents and normals; asymptotes and singular points; theory of envelopes; radius of curvature; evolutes and involutes. (Newcomb.)

Junior elective course. Three hours a week, the first term.

11. *Integral Calculus*. Integration; definite integrals: successive integration; rectification of curves; quadrature of plain figures; cubature of volumes. (Newcomb).

Junior elective course. Two hours a week, second term.

12. *Calculus*. Special topics.

Junior elective course. Two hours a week, third term.

13. *Astronomy*. The subject as treated by Young; different authors reviewed by members of the class. The students of this course have access to the Observatory, which is equipped with a chronometer, sextant, transit and equatorial.

Senior required course. Three hours a week during the first and second terms.

14. *Practical Astronomy*. The instruments used, besides the timepieces, are the sextant, transit and equatorial. Determination of time, latitude and longitude; measurements of the diameters

of planets and the distances of their satellites ; measurements of the heights of mountains on the moon ; measurements of double stars ; calculation of eclipses ; calculation of sunrise and sunset.

Senior elective course. One hour a week during the year.

15. *Mathematics*. Analytic Geometry of three dimensions ; differential equations ; Mechanics.

Senior elective course. Two hours a week during the year.

GREEK

Professor KLINGER

1. *THE ORATORS*. *Antiphon*, *Lysias*, and *Isæus*. Representative selections are read and compared with distinct reference to the development of prose style. The abundant allusions in them to early Athenian life are made the basis for studies in Greek antiquities of the historic period. Blackboard drill in forms, the explanation of case, mood, and tense uses and the study of words are features of the recitation. Lectures on the conditions under which prose-writing originated and developed are given at stated periods. Prose composition, based on the text, twice each week.

Freshman (Classical) required course. Three hours a week, first and second terms.

2. *THE HISTORIANS*. *Thucydides*. Selections from the Peloponnesian War. The study of the text continues the syntactical analysis, the drill in forms, and the study of words in accordance with the principles of word-formation. Special attention is given to the subject matter, and the stirring times preceding the overthrow of the Athenian supremacy are depicted. Prose composition as before.

Freshman (Classical) required course. Three hours a week, third term.

Herodotus. Portions of the Persian War are read rapidly with particular attention to the subject-matter. The importance of the period calls for a review of history, and readings are assigned in Grote and other historians to be reported on by the students. The course comprehends lectures on the Greek dialects and advanced studies in the history of case, mode and tense development. Prose composition as before.

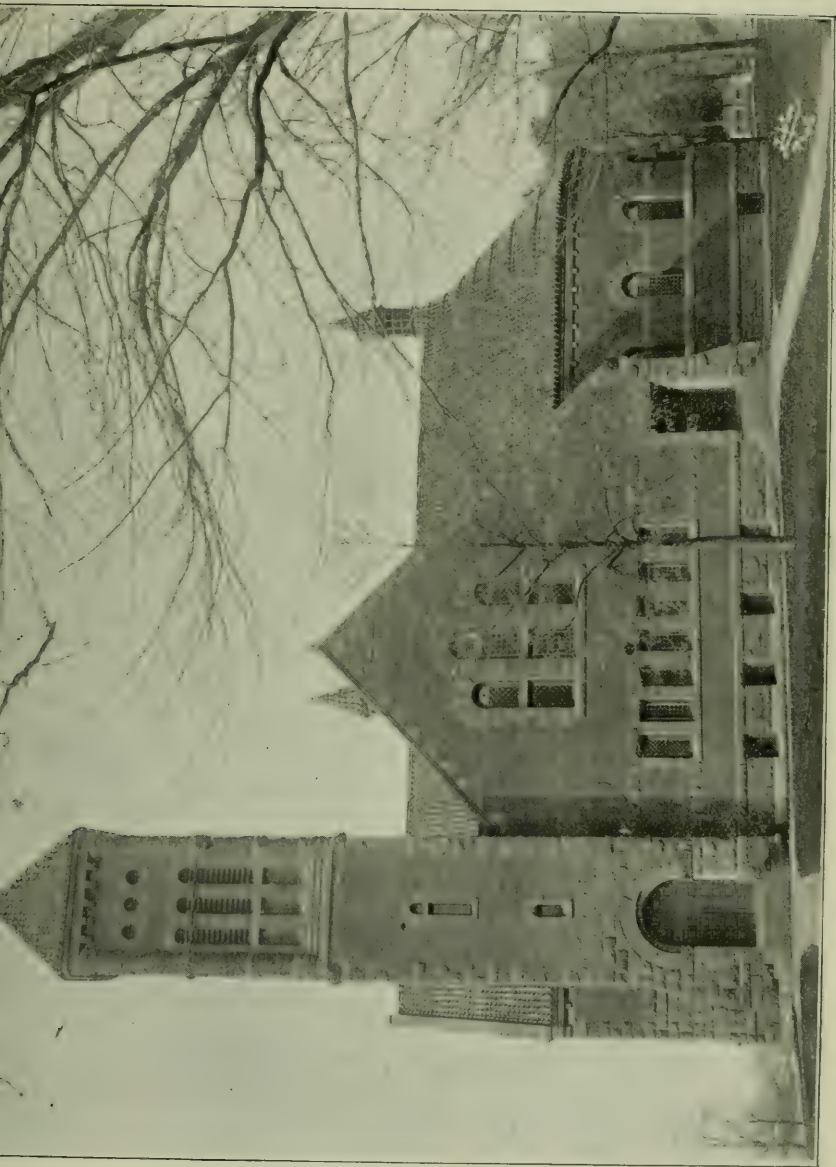
Sophomore (Classical) required course. Three hours a week, first term.

3. *EPIC POETRY*. *Homer*. *The Iliad*. (Full text required.) The study of the text is preceded by a course of dictated lectures





RECITATION HALL



BRUA CHAPEL

which aim at setting forth the Homeric question in its latest phase. The Iliad is then interpreted as a piece of literature in harmony with the conclusion of the latest Homeric scholars. Special study is made of the epithets, and by frequent word-reviews from the blackboard an attempt is made to fix the vocabulary. Each student is required with the aid of Gehring's Index to develop one or more subjects in Homeric antiquities.

Sophomore (Classical) required course. Three hours a week, second and third terms.

4. THE ATTIC DRAMA. *Æschylus* and *Sophocles*. The entire Junior year is devoted to the study of the Attic Drama. The course contemplates by means of lectures and assigned readings a complete survey of ancient Tragedy and Comedy in their origin and development, and their relation to the modern stage. Lectures on the Greek Theatre precede the study of the text.

Junior (Classical) required course. Two hours a week, two terms.

Euripides or *Aristophanes*. The students are permitted to choose between these authors.

Junior elective course. Two hours a week, third term.

5. *Demosthenes, De Corona*. The study includes the age. The decadence of the Hellenic spirit, as shown in civic life, literature, and art, is traced with the class. The course is intended to include, as far as possible, a survey of Greek civilization.

Senior elective course. Two hours during one term.

6. *Plato and Pre-Socratic Thought*. The Protagoras and the Phædo are the texts studied. The leading doctrines of Plato are analyzed and their relation to modern thought is pointed out. A parallel course of lectures in Pre-Socratic Thought, based on the fragments found in Ritter & Preller's *Historia*, is given.

Senior elective course. Two hours during two terms.

7. *The Lyric Poets*. Tyler's "Selections." The course comprehends, along with the interpretation of the poems, the origin and development of lyric poetry and its relation to Greek literature in general.

Senior elective course. Two hours a week, third term.

LATIN

Professor BIKLE

Allen and Greenough's Latin Grammar and Harper's Latin Dictionary are recommended. The Roman method of pronunciation

is used. Exercises in Prose Composition are required at intervals through the course.

1. *Livy*. Selections from Book I, and the Hannibalian War in Books XXI and XXII. Special attention is given to syntax and *Livy's* peculiarities of style. Roman History down to 200 B. C. is studied with care.

Freshman required course. Three times a week during the first term.

2. *Horace*. Odes, including a critical interpretation, and with special attention to Latin Prosody and the mythological and historical allusions of the text. Berens' Hand-book of Mythology is recommended.

Freshman required course. Three hours a week, second term.

3. *Cicero*. De Senectute, or De Amicitia. Drill in syntax, especially of the Latin subjunctive mode. Training, also, in reading Latin with expression.

Freshman required course. Three hours a week, third term.

4. *Tacitus*. Annals or Agricola. A study of the history of the times along with the reading of the text.

Sophomore required course. Three hours a week, first term.

5. *Horace*. Satires and Ars Poetica. After reading some selected satires, the Ars Poetica is read and each student is required to prepare in writing an analysis of the poem.

Sophomore required course. Three hours a week, second term.

6. *Cicero* and *Pliny*. Letters, with numerous exercises in sight reading.

Sophomore required course. Three hours a week, third term.

7. *Quintilian*. Tenth Book. With summary and classification of the Greek and Roman authors. Informal lectures on Roman Literature.

Junior (Classical) required course. Two hours a week, first term.

8. *Juvenal*. Satires. With full explanations, and study of the private and social life of the Romans, followed by a short course in Roman Antiquities.

Junior (Classical) course, required the second term, elective the third. Two hours a week, both terms.

9. *Terence* or *Plautus*. The Andria of Terence or Captivi of Plautus. The *Dramatis Personæ* are assigned to special members of the class and the parts rendered both in Latin and in English.

Senior elective course. Two hours a week, third term.

1c. *Roman History*. A course of lectures covering the period from 200 B. C. to 200 A. D.

Senior elective course. Two hours a week for eight weeks, second term.

ENGLISH

Professors HIMES, BIKLE and KLINGER

1. *Rhetoric*. Genung's Working Principles of Rhetoric. The rules of the text-book are impressed by requiring each student to furnish illustrations of them from his own reading in everyday literature. The inventive faculty is trained by the assignment of themes to be thought upon in the class room. The results are then compared, discussed and arranged within the recitation hour. Descriptive, narrative, expository and argumentative themes are also assigned in turn for the weekly exercises in composition.

Sophomore-required course. Three hours a week, first term.

2. *English and American Literature*. These subjects are given in outline with text-books mainly for reference.

Sophomore required course. Three hours a week, third term.

3. *Shakespeare*. Five or six plays are studied, the principal characters are analyzed and the most important and suggestive passages are read and interpreted before the class. The writing of dialogue is practiced.

4. *Milton*. Four or five books of the *Paradise Lost* are studied; the views of many commentators are examined and compared. Milton's conception of the material and spiritual universe is set forth and elucidated.

Junior required course. Two hours a week, third term.

5. *Anglo-Saxon*. The translation of easy prose is begun at the second or third recitation in this subject and sight reading is undertaken after four or five weeks. About five hundred lines of the poetry of Beowulf or Cædmon and other writings are read in the latter half of the term. Comparative Philology receives considerable attention in connection with this subject.

Junior elective course. Three hours a week, first term.

6. *Middle English*. Chaucer, or Old English Ballads. This study is intended to acquaint the student with the old forms of English. Connected with the recitations are brief talks on the structure, classification and development of languages and especially on word building.

Junior elective course. Three hours a week for six weeks, second term.

7. *Tennyson*. In Memoriam is read, the plan and the development of the thought are traced, and obscure expressions interpreted.

Junior elective course. Three hours a week for six weeks, second term.

1-7 Professor HIMES.

8. *Essays*. Two essays each term are submitted for examination and criticism. Special care is taken to secure originality of work, as well as clearness of thought and grace of diction. In order to cultivate a ready faculty in composition, exercises in impromptu essay writing are practiced at stated times.

Required course for the three terms of Freshman year.

Professor KLINGER.

9. *Elocution*. Two declamations are required each term and are expected to exemplify the principles acquired in the hours devoted to technical study of elocution. These principles are inculcated by comment and criticism in connection with the speaking.

Required course. One hour a week during the whole of the Freshman year.

Professor BIKLE.

10. *Writing and Speaking*. The preparation of declamations, essays, orations and debates is continued from the beginning of the Sophomore onward to the end of the Senior year. Sometimes a subject is assigned to each member of a class with the requirement to present a discussion first in outline, then amplified. To secure greater carefulness on the part of the student, the written work is commonly read privately and criticised by the instructor.

Professor HIMES.

GERMAN AND FRENCH

Professor HEFELBOWER

FRENCH. 1. Whitney's Brief French Grammar with Lessons and Exercises; Super's Preparatory French Reader; Fontaine's Livre de Lecture et de Conversation; Verne, Une Ville Flottante; Daudet, Contes; Labiche et Martin, Le Voyage de M. Perrichon; Exercises in Dictation.

Freshman required course. Two hours a week throughout the year.

2. Fraser and Squair's French Grammar, Part II with exercises; Erckmann Chatrian, Madame Thérèse; Halévy, L'abbé Constantin; Augier et Sandeau, Le Gendre de Monsieur Poirier; De Vigny, La Canne de Jonc; Victor Hugo, Hernani; Fontaine's

Livre de Lecture et de Conversation; International Correspondence.

Elective course for students who have had one year in French and one in German. Two hours a week throughout the year.

GERMAN. 1. Whitney's Brief Grammar; Vos, materials for German conversation; Storm's Immensee; Stein, German Exercises, Part II; Heyse, Das Mädchen von Treppi; Schiller's der Taucher; Exercises in Dictation.

Sophomore required course. Two hours a week throughout the year.

2. Joynes Meissner's Grammar; Harris' Prose Composition; Schiller, Wilhelm Tell; Baumbach, der Schwiegersohn; Heyse, Anfang und Ende; Goethe, Hermann und Dorothea. Lectures on Goethe and Schiller; Exercises in Dictation and Conversation.

Junior required course. Two hours a week throughout the year.

3. Goethe, Iphigenie; Schiller, Geschichte des dreissigjährigen Krieges; Lyrics from Goethe, Schiller, Uhland and others; Goethe's Egmont; C. A. Buchheim's Prose Composition; Lectures on German literature; Sight Reading; International Correspondence.

In connection with the Senior work a course in parallel reading is given. Private reading for 1902-3: The Life of Heine, Lyric Poems, and die Harzreise. It is recommended that this work be done during vacation periods.

Senior elective course. Two hours a week throughout the year.

All students of German are requested to provide themselves with a good dictionary, such as Flügel's, Heath's or Whitney's.

HISTORY, POLITICAL SCIENCE AND LAW.

Professors HIMES, BIKLE and HEFELBOWER, and Mr. MCPHERSON.

1. *European History*. Myers' Mediaeval and Modern History.

Freshman required course. Two hours a week throughout the year. Professor Hefelbower.

2. *American Political History*. Johnston's American Politics, with references to Von Holst's Constitutional History, Schouler's History of the United States (1783-1865), Blaine's Twenty Years in Congress (1861-1881), McPherson's Hand-book.

Sophomore required course. Three hours a week, second term.

3. *Political Economy*. F. A. Walker's Advanced Course. The theories of the text-book are brought, as often as possible, to the test of the student's personal observation and the true nature of

the science is thus impressed. Problems for investigation are assigned to the members of the class, with direction to inquire into actual industrial and social conditions and operations.

Lectures on Money and Banking. Theories of money and credit are examined in connection with a rapid survey of the monetary history of the United States. Particular attention is given to present conditions and tendencies.

Senior required course. Ten to twelve hours.

5. *International Law.* Lawrence's *International Law*. Occasional lectures on special topics, such as the prominent features in American diplomacy.

Senior required course. Three hours a week for the last twenty weeks of the year.

6. *Science of Government.* Bryce's *American Commonwealth* is used as a text-book. Free criticism of the author's views is encouraged; National and State constitutions are examined. The annual Presidential Message is studied and discussed.

Senior elective course. One hour a week throughout the year.

2-6 Professor HIMES.

7. *Roman Law.* Morey's *Outlines*. After a careful study of the text-book, an essay is required from each member of the class on a subject assigned for special investigation.

Senior elective course. Two hours a week during the first term.

Professor BIKLE.

8. *Elements of Jurisprudence.* Lectures on the rights and duties of citizenship.

Senior course. At convenience during the second and third terms.

Mr. MCPHERSON.

CHEMISTRY.

Professor BREIDENBAUGH and Mr. STOVER.

1. *Elementary Inorganic Chemistry.* Lectures, laboratory work, quizzes and examinations. The student is expected, in addition to the outline of work provided, to have some approved reference book on Chemistry. This course covers the general principles of Chemistry with a study of the elements and their compounds. As far as time permits, attention is given to elementary Qualitative Analysis.

Junior (Classical) required course. Three periods a week throughout the year.

2. *Elementary Inorganic Chemistry*. Lectures, laboratory work and quizzes based on Remsen's Chemistry.

Freshman (Scientific) required course. Three periods a week throughout the year.

3. *Qualitative Analysis*. Lectures and quizzes on reactions and methods accompany the laboratory work.

Required course (Scientific). Two periods a week throughout the Sophomore and five periods the first term of Junior.

4. *Quantitative Analysis*. The first term is occupied with determinations of definite compounds, the second with mineral analysis.

Junior (Scientific) required course. Five periods a week during the second and third terms.

5. *Organic Chemistry*. Lectures, text-book work and quizzes illustrated in the laboratory.

Junior (Scientific) elective course. Three periods a week during the first and second terms. Also open as an elective to Seniors in the Classical course.

6. *Qualitative Analysis*. Similar to course 3.

Senior (Classical) elective course. Two to four periods a week throughout the year.

7. *Special Analytical Methods*. Water, milk, sugar, etc.

Senior (Scientific) elective course. Two to four periods a week throughout the year.

GEOLOGY AND MINERALOGY

Professor BREIDENBAUGH

1. *Geology*. Lectures, with reading references, principally to the works of Dana and LeConte, accompanied by quizzes and topical examinations. Each student is required to write at least one paper illustrating, from his own observations, the principles of inorganic Geology.

Senior required course. Three hours a week during the second and third terms.

2. *Mineralogy*. The crystal form and physical properties of minerals are studied by means of the mineralogical collection. Afterwards each student is required to determine at least seventy-five minerals by their blowpipe characteristics. This is followed by a brief course in Lithology and topographical Geology.

Senior elective course. Two periods a week throughout the year.

Physics. The principal facts in the various topics are discussed by lectures and reading references, with quizzes, examinations and the preparation of papers in which the student illustrates from familiar examples the subjects presented in the class room.

Required course. Three hours a week during the third term of Junior and the first term of Senior.

Botany. Class and field work in Systematic Botany. Each student is required to determine and mount specimens of at least fifty species of Phaenogams.

Sophomore required course. One period a week during the second half of the year.

BIOLOGY

Professor STAHLEY

This course extends as an elective through the Junior and Senior years. It is offered either to the classical, scientific or special course students. It aims to teach fundamental principles in the various branches which it includes.

The course is calculated to interest and profit any student of nature, whatever his future calling is expected to be. Those of our graduates, who during their course, have taken the biological studies here indicated, along with chemistry and physics, are admitted to the second year class of some of our best medical schools.

The course for either of the two years is sufficiently complete to make it profitable for the student to take up the work of any one year to the exclusion of the other, if limitations in time or means compel such an abbreviation. If other electives appeal stronger to him during his Junior year, it will not be too late, as a Senior, then to pursue either the first or second year's biological branches.

The work is carried on by lectures, demonstrations, quizzes, dissections, drawings, note taking on work done and stated written examinations. There is a well-lighted laboratory, provided with all needed instruments and apparatus, such as microscopes, microtomes, paraffine bath, incubator, etc. The branches are pursued in the following order:

JUNIOR YEAR

1. *General Biology.* Three periods a week for ten weeks. This branch acquaints the student with microscopic technique and general laboratory methods, whilst he studies selected types of

plants and animals taken from the lower forms of life, as these are best adapted to demonstrate essential characteristics. The purpose is to ascertain fundamental facts of structure and life processes, with the significant relationships in the two great kingdoms of organic nature.

2. *Zoology*. Three periods a week for ten weeks.

This continues the study of animal life and traces the forms in the order of their increasing complexity. A number of morphological types are dissected, thus affording an acquaintance with all the great phyla of animals, in both the vertebrate and the invertebrate series. The principles of comparative morphology and physiology are particularly emphasized and relationships are traced.

3. *Mammalian Anatomy*. Three periods a week for six weeks, followed by two periods a week for eleven weeks.

Here the mammalian type of animals is considered. The domestic Cat as a convenient example of a high-type mammal offers advantages for the detailed study of bones, muscles, blood vessels, brain and nerves.

SENIOR YEAR

4. *Human Anatomy and Physiology*. Three periods a week for twenty weeks.

Special attention is given to osteology, joints, ligaments and muscles. The separate parts of the skeleton, including a disarticulated cranium, Tramond's preparations, consisting of real bony joints with accurately placed artificial ligaments, and Azou's dissectable manikin, provide ample facilities for this part of the work. In this, as in the other animal branches of the course, physiological processes are constantly discussed.

5. *Mammalian Histology*. Three periods a week for nine weeks.

With the aid of prepared microscopic slides, student draws and studies the minute anatomy of the different tissues of the body, with their relationships in the different organs. Further than this he learns practically how to fix, harden, imbed, section, stain and mount the important tissues. A knowledge of practical methods in histological work is thus acquired.

6. *Embryology*. Three period a week for eight weeks.

The principles of maturation and fertilization of the germ elements are considered. The stages of segmentation are observed in the ova of the Frog and Fish. The development of the Chick

is studied. Entire mounts are made, as well as mounts of serial sections of the incubating egg, from the first hour of incubation to the fifth day, when the organs are practically all formed. This branch constitutes a fitting close to the course, as it exhibits the steps in the development of the individual animal, and also epitomizes the history of the animal kingdom in general.

PHYSICAL CULTURE AND HYGIENE

Professor STAHLEY

1. *Sanitary Science.* Lectures. House, municipal, state and national sanitation in their varied and rapidly developing new features are dwelt upon with the idea of furnishing a comprehensive yet intelligible outline of the subject.

Senior elective course. One hour a week throughout the year.

2. *Physical Culture.* This end is sought under medical guidance in the Gymnasium during the college year from November 1 to May 1. A physical examination of each student is made when he enters college and such kinds of gymnastic exercises are prescribed as seem indicated. The purpose is to encourage the promotion of health and physical vigor as necessary for successful mental application. Since much harm is often done by injudicious physical exercise, special effort is made to advise those who are suffering from defective bodily conditions how they may be helped by hygienic methods and the selection of forms of exercise particularly suited to their case.

BIBLICAL DEPARTMENT

Professor HUBER

1. *Old Testament History.* The books of Exodus, Numbers and Joshua furnish the material to be mastered, which is the story of Israel from the departure out of Egypt through the wanderings in the wilderness, to the entrance into Canaan and the conquest of its inhabitants. In connection with the Scripture text a manual of biblical geography and history is used.

Freshman required course. One hour a week throughout the year.

2. *Old Testament History.* Jewish History from the establishment of the Monarchy to the Division of the Kingdom. The biblical material is found in Samuel and Kings; the geographical and historical manual is continued.

Sophomore required course. One hour a week throughout the year.

3. *Biblical Study*. (a) Any part of the Old Testament the class may prefer. (b) The Gospel of Luke in Greek.

Junior elective course. Four hours a week during the third term.

4. *New Testament Study*. The privilege of selecting the books to be studied is accorded to the class. The Gospel of Luke has been chosen this year.

Senior elective course. One hour weekly throughout the year.

5. *Hebrew*. Harper's "Method and Manual" and "Elements of Hebrew." The method adopted in these books is the Inductive and has been found well suited to its purpose.

Senior elective course. Two hours a week throughout the year.

GENERAL COLLEGE ORDERS

EXAMINATIONS

Examinations are held at the close of each term, or when a subject is finished. When a student is unavoidably absent from this examination, and his absence is excused by the Faculty, he is examined, at the discretion of the Faculty, either before leaving, or at the opening of the following term before entering his name on the roll of his class.

If a student be absent for some time from the Institution, he must, on re-entering, sustain an examination upon the studies to which his class has attended during his absence.

RECORDS

A careful record of the attendance, scholarship and conduct of each student is kept; a general statement of which record is transmitted to parents or guardians at the close of each term.

DEGREES

To members of the graduating class in full and regular standing diplomas are granted, conferring in the Classical Course the degree of *Bachelor of Arts*, and in the Scientific Course the degree of *Bachelor of Science*.

The degree of *Master of Arts* and *Master of Science*, according to the previously received Bachelor degree, is conferred, in course, on Bachelors of three or more years' standing, provided all applicants for this degree make application therefor to the Faculty, in writing, at least one week before the annual Commencement.

TERMS AND VACATIONS.

The annual Commencement is held this year on the first Wednesday of June. Regularly the first term begins on the second Thursday of September, and continues fourteen weeks; the second term begins two weeks after the close of the first term, and continues twelve weeks; the third term begins one week after the close of the second, and continues ten weeks, until the day of the annual Commencement. The intervening periods of two, one and thirteen weeks are devoted to the vacations.

It is highly important for students to be punctual in entering upon their duties at the beginning of the term.

Unexcused absences from recitations are counted as zeros upon the grades.

The attention of parents and guardians is especially called to the fact that absences from recitation, whether at the opening of terms, or at other times, are not excused except for sickness or imperative necessity.

EXPENSES

The necessary expenses of the collegiate year, exclusive of books, clothing, furniture and traveling expenses, are as follows for each student:

	MINIMUM	MEDIUM	MAXIMUM
Board for 36 weeks,	\$70 00	\$90 00	\$108 00
First term, { Tuition, \$12 00 }	20 00	20 00	20 00
{ Gen. Exp. 8 00 }			
Second term, { Tuition, \$9 00 }	15 00	15 00	15 00
{ Gen. Exp. 6 00 }			
Third term, { Tuition, \$9 00 }	15 00	15 00	15 00
{ Gen. Exp. 6 00 }			
Room rent and heat (half room),	12 50	40 00	62 50
Gymnasium Fee,	6 00	6 00	6 00
Washing,	12 00	12 00	12 00
	<hr/> \$150 50	<hr/> \$198 00	<hr/> \$238 50

On account of the probably greater price of coal for the next collegiate year, there may be necessary a slight advance in the charges for heat.

Board may be secured at prices varying from \$1.94 to \$2.50 a week in clubs; and from \$2.50 to \$3.00 in boarding houses. The average price paid during the first two terms of the present year was \$2.53.

A fee of \$1.50 a term for contingent expenses is charged to students not rooming in college buildings.

All members of the Senior class, upon their entrance on the last session of their course of study, pay to the Treasurer, with their college bills, an extra fee of \$5, which is refunded in case of failure to graduate.

CHEMICAL LABORATORY CHARGES

Students in the Scientific Course are charged a term fee of \$5.00 for the use of chemicals and general apparatus. Glassware and other apparatus of individual use are supplied at cost prices, each person being charged with each article received and credited with the same on its return in good condition. The expense for this item in the first outfit has been about \$7.00, after which, with proper care, it need not exceed \$1.50 a term. Students in general chemistry pay, for the course, a desk fee of \$10 for the use of chemicals and apparatus, and the cost price for all articles broken; this need not exceed \$1.00 a term. The fee for supplies in elective Mineralogy is \$2.25.

A fee of \$4.00 a term is charged in the biological department for the use of material and apparatus.

Parents or guardians may intrust funds for students to any member of the Faculty, and the funds will be applied as may be required.

Tuition and other college dues for each term must, in all cases, be paid in advance. No student will be allowed to recite with his class until he has shown the Professor a receipt from the College Treasurer, or a note stating that he has made some satisfactory arrangement with the Treasurer.

ROOMS AND HEATING

Students are required to lodge in the college dormitories, special cases excepted.

Unless all the available rooms of the college are occupied, there is no remission of the charge for room rent, except to students whose parents reside in town.

Rooms becoming vacant can be assigned at any time, preference being given according to class, to be occupied after the removal of the former occupant, and, if the person to whom the rooms are assigned should desire, the furniture in them shall be removed.

The charges for room rent and steam heat for the several rooms, given below, are for full use of the room; if two students occupy a room they divide the expense. The annual charge is given first, and in parentheses the division of this charge between the first, second and third terms of the collegiate year. E=East Division, M=Middle Division, and W=West Division, S=South College.

At \$25.00 (8.50, 10.75, 5.75): 4, 6, 8 E; 1 M; 4, 6 W.

At \$28.00 (9.50, 11.75, 6.75): 5, 7, 9 E; 5, 7 W.

At \$33.50 (11.00, 13.75, 8.75): 14, 15, 16, 17, 18, 19, 24, 25, 26, 27, 28, 29, 34, 35, 36, 37, 38, 39, E; 6, 11, 16, 19, 21, M; 12, 13, 14, 15, 20, 21, 22, 23, 28, 29, 30, 31 W.

At \$38.00 (13.00, 15.25, 9.75): 1, 3 E; 2 M; 1, 3 W.

At \$40.00 (14.00, 16.00, 10.00): 22, 23, 24, 25, 30, 31, 32, 33 S.

At \$42.50 (14.50, 16.75, 11.25): 10, 11, 12, 13, 20, 21, 22, 23, 30, 31, 32, 33 E; 3, 4, 5 M; 8, 9, 10, 11, 16, 17, 18, 19, 24, 25, 26, 27 W.

At \$44.75 (15.50, 18.00, 11.25): 9, 17, 22 M.

At \$45.00 (15.00, 18.00, 12.00): 26, 27, 28, 29 S.

At \$50.00 (17.00, 20.00, 13.00): 20, 21, 34, 35 S.

At \$53.00 (19.00, 20.75, 13.25): 8, 10, 12, 14, 18, 20 M.

At \$75.00 (26.00, 29.00, 20.00): 1, 2, 3, 4, 5, 6, 7, 8 S.

At \$90.00 (32.00, 36.00, 22.00): 10 and 12, 11 and 13, 15 and 17, 16 and 18 S—suites of two.

At \$125.00 (43.00, 50.00, 32.00): 9, 19 S—suites of three.

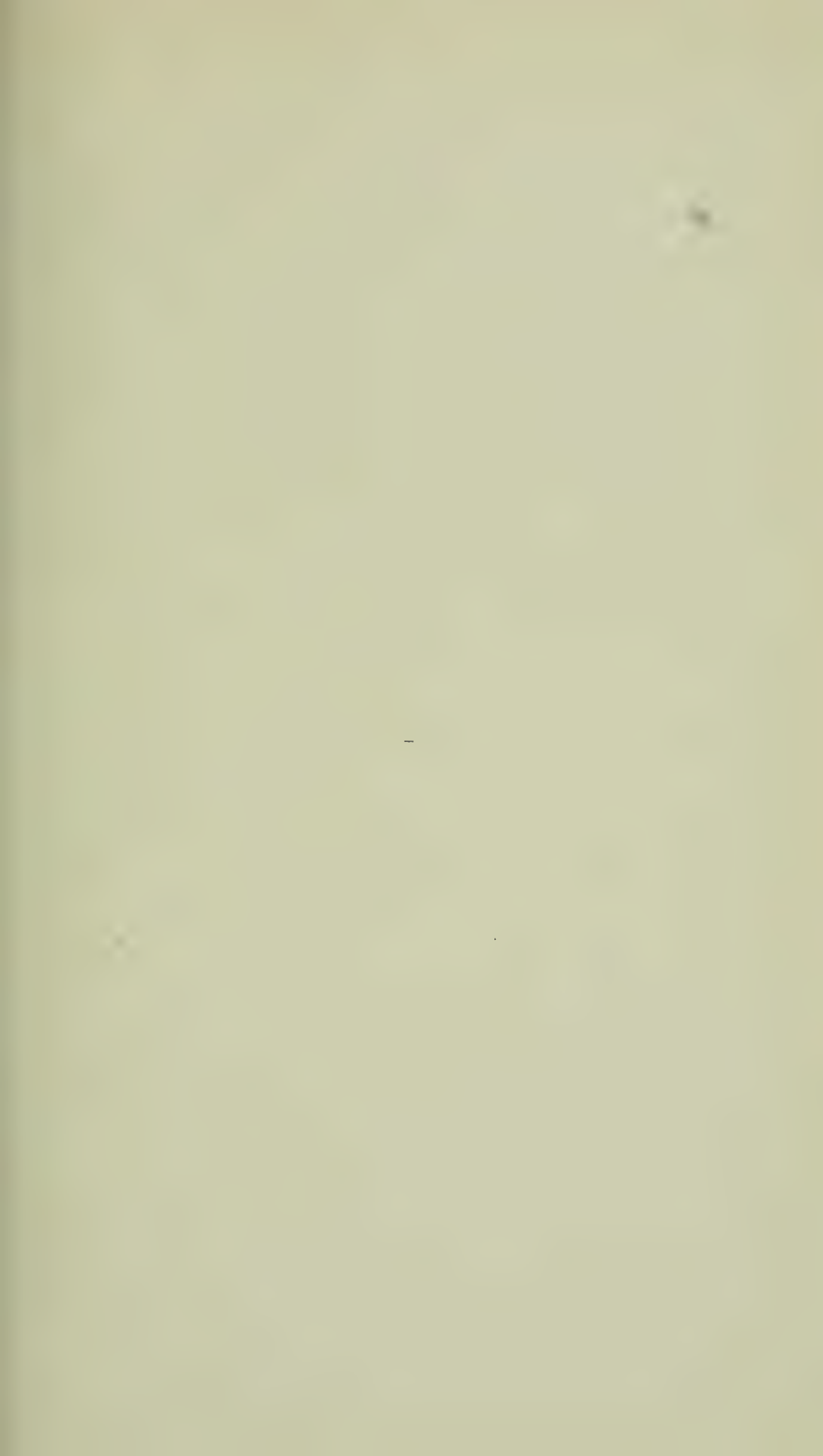
Rooms 3, 4, 5, 8, 10, 12, 14, 18 and 20 M, include a large study and a good sized bed room. Even numbers, except 22, are on the north side of the building.

GRADUATE COURSES

Provision is made for those who desire to pursue a graduate course of study leading to the degree of *Doctor of Philosophy*, on the following conditions:

1. Only those who have received Bachelor degrees equivalent to those given in this College, are eligible candidates.

2. The studies must be pursued under the direction of the Faculty. At least one year's residence in the case of graduates of this Institution and two years' residence in case of graduates from other institutions will be required. Residence during which professional studies are also being pursued will not be accepted.





SOUTH COLLEGE



3. In the case of non-residents, reports of progress must be made to the Professors in charge of the department in which studies are being pursued, and examinations will be made in such manner and as frequently as the Professors may direct.

4. Not less than three years' work will be required.

5. At the close of the course a satisfactory thesis showing evidence of original investigation must be submitted.

6. The following subjects are open for selection. Each applicant must select one as a major subject and two as minor subjects. Those marked (*min.*) can be chosen only as minor subjects:

Psychology ; Moral Science ; Natural Theology (*min.*); Evidences of Christianity (*min.*); Greek ; Latin; German ; French; English Literature ; History ; Political and Social Science ; Mathematics ; Chemistry ; Mineralogy (*min.*); Geology ; Botany (*min.*); Physics and Astronomy.

7. A registration fee of \$25 is charged at the beginning and an examination fee of \$50 at the end of the course.

8. Failure to report progress for examination during as long a period as two years will cause the name of the candidate to be dropped from the printed list.

EQUIPMENT

MUSEUM

The museum contains varied collections of fauna and flora and minerals, all of which are freely used in instruction. The Mineralogical Cabinet contains over 6,000 specimens, including not only very full suites of the more common and more important minerals but also good specimens of many of the rarer minerals. The collection in Lithology numbering 3,000 specimens and of iron in Metallurgy have, by recent additions, become fairly representative in the most important departments of these sciences. The Botanical Collection of 6,000 specimens, mainly presented by Miss Elizabeth C. Morris, of Germantown, Pa., is well arranged and contains a full representation of American Flora. A beginning has been made of a Chemical Museum—to contain specimens of raw and manufactured materials in chemical industries. Friends of our Institution can greatly aid us by additions to these collections.

LITERARY SOCIETIES

Two literary societies are connected with the College, the Phrenakosmian and the Philomathæan. These exert a favorable influence in the intellectual and social culture of their members. The exercises consist of music, essays, orations and debates. The practical acquaintance with parliamentary law here formed makes these societies the best schools for free citizenship. The halls occupy two wings on the third story of the Recitation Hall, and are conveniently and handsomely furnished. Their sessions are held every Friday evening.

A reading room, managed by these societies and the Y. M. C. A., contains a great variety of periodical literature.

LIBRARIES

The College Library, to which all the students have access without charge, contains many works of reference. During term time the Library is open for consultation and the drawing of books four hours each week day, except on Saturday when it is open for two hours.

The income of a fund invested for the purpose provides for frequent additions of the best publications.

The Libraries of the Literary Societies comprise a large number of well selected and standard volumes, which are annually increased through the income of separate funds.

These libraries are accessible to the members of the societies under their respective regulations, and are open for the issue of books on Wednesday at 4 P. M. and Saturday at 10 A. M. during term time. They are in the same hall with the College Library. In addition to several thousand partly classified but unbound pamphlets

The College Library contains	13,768	volumes.
The Philomathæan Library contains	6,439	"
The Phrenakosman Library contains	6,082	"
Total,	<hr/> 26,289	"

SCHOLARSHIPS

A number of permanent scholarships, securing free tuition, have been endowed and are under the control of synods, congregations, or individuals. C. W. Thompson, Esq., of Lancaster, has established a scholarship for the

purpose of giving the benefit of a collegiate education to the most successful and indigent pupil who shall pass through the prescribed course in the High School of Gettysburg.

PRIZES

MUHLENBERG FRESHMAN PRIZE.—The interest of a fund of five hundred dollars, contributed by Prof. F. A. Muhlenberg, D.D., LL.D., is given at the close of the year to that member of the Freshman class who, upon examination, is found to have attained the highest degree of scholarship in the studies of the Classical course.

BAUM MATHEMATICAL PRIZE.—Charles Baum, M.D., Ph.D., of Philadelphia, has contributed five hundred dollars, the income from which is to be given annually to that member of the Sophomore class who shows the greatest proficiency in Mathematics.

HASSLER LATIN PRIZE.—Mr. Charles W. Hassler has furnished a fund, the interest of which is annually expended for the purchase of a Gold Medal, to be presented to the student of the Junior class, who, at the end of the year, shall be the best Latin scholar.

REDDIG ORATORICAL PRIZE.—Mr. Clarence Jacob Reddig, of Shippensburg, contributes annually the sum of twenty-five dollars as an Oratorical Prize, to be contended for in public by the Junior class, on Tuesday of Commencement week.

GRAEFF PRIZE.—This prize was founded by Mr. John E. Graeff, of Philadelphia. The sum of \$30 is awarded for the best English essay from the Senior class, on a subject previously assigned. The decision is made by a

committee appointed by the Professor of English Literature.

GIES PRIZES IN COMPOSITION.—William J. Gies, Ph.D., professor in Columbia University, offers through the Pen and Sword Society three prizes of \$35, \$25, and \$15, respectively, for the encouragement of work in English Composition. Three productions will be required from each competitor and will be due, respectively, October 15th, February 1st, and April 1st. These prizes are open to all classes, though recipients of the first prize are excluded from further competition.

Students in special courses are not admitted to competition for any of the foregoing prizes.

BUILDINGS

PENNSYLVANIA HALL, erected in 1836–38, was remodeled and improved in 1889. It contains eighty-six rooms for students, many of them *en suite*, so that those who may wish to do so can have separate study and sleeping rooms. In this building are the reading rooms of the Literary Societies and the large room used by the College Y. M. C. A. These rooms are heated by steam, and water pipes connected with the town system of water works are on the first floor.

SOUTH COLLEGE, erected in 1897, is a building of three stories containing rooms for about fifty students. It is finished entirely in hard wood, is heated with steam, has hot and cold water on each floor and lavatories in convenient places. The first floor has eight rooms, each with open fire places, tile hearth and spacious closets. These rooms may be used by one or two occupants, as preferred.

On the second floor all rooms are *en suite*, each suite consisting of a study with one bedroom or two. These are also provided with hearths, closets, etc. The third floor is divided into sixteen single rooms.

THE RECITATION HALL, erected in 1888-89, is used for general college purposes. On the first floor are the library room and office, the President's office, the reception room, and recitation rooms. The second floor has recitation rooms. The third floor has in the front centre a large museum room with valuable collections. In the rear centre are a mineralogical laboratory and suite of rooms fitted up for use as an infirmary, if they should be needed. In the north wing is the hall of the Philomathæan Society, in the south wing the hall of the Phrenakosmian Society. In the basement are rooms designed for a physical laboratory.

THE BRUA MEMORIAL CHAPEL, erected in 1889-90, is the gift of the late Col. John P. Brua, U. S. A., as a memorial to his parents. This building is used for morning prayers, for Commencement exercises, lectures, and other occasions requiring a large audience room.

THE CHEMICAL LABORATORY is a frame building, erected in 1872 and in 1890 converted to its present use. It contains on one floor a large lecture room, an office, store rooms, chemical room, balance room, and two laboratories—one for general chemistry, with desk room for forty-eight students, the other for analytical chemistry with desk room for forty-eight students. The building is fitted with the most approved appliances; gas and water at each desk; there are ample hoods, a water distilling apparatus and large sand bath, and other necessary apparatus. The

balance room contains balances set on walls especially built for them. In the basement are an assay room and a store room.

THE ASTRONOMICAL OBSERVATORY, erected in 1875, is furnished with an achromatic telescope, having an object glass of six and one-half inches, with a transit instrument, chronometer, and other appliances.

THE GYMNASIUM has on the first floor ample dressing rooms and bathing facilities, and a base ball cage. On the second, or main floor, a class of sixty members can be accommodated for gymnastic drill. The selection of specialized apparatus in light and heavy gymnastics is varied and complete. The Professor's office, where all the physical tests and measurements are taken, is also on this floor, and is furnished with a full set of anthropometric apparatus.

On the gallery there is a first-class "Roberts' patent" running track with seating accommodation for visitors.

The gymnasium is open at stated times every afternoon and evening and Saturday all day, aggregating twenty-four hours each week, apportioned between regular class practice and general practice.

Athletic sports are encouraged, but under such regulations as, it is believed, prevent them from becoming a source of demoralization to the students, or interfering with the legitimate work of the Institution. A student who has not first secured the permission of his parents is not allowed to engage in any public contest.

ATHLETIC FIELD. Immediately north of the college buildings is the athletic field, which is carefully graded and securely inclosed, and covers an area of over four acres.

It affords room and facilities for all kinds of out-door sports.

THE BOILER HOUSE supplies the steam required for heating all the college buildings, and has capacity for more.

Besides these buildings there are on the campus the President's house, a double house for Professors, and four halls erected by Greek Letter Societies.

A fair valuation of the several buildings is :

Pennsylvania Hall,	\$38,000
South College,	20,000
Gymnasium,	14,000
Stevens Hall,	20,000
Chemical Laboratory,	10,000
Observatory,	3,500
Recitation Hall,	86,000
Brua Chapel,	19,000
Other buildings, not including fraternity halls,	14,000
Steam and water plants,	25,000
	<hr/>
	\$249,500

In addition, the libraries, scientific apparatus, scientific collections and furniture are worth at least \$75,000. These estimates do not include the value of the improved campus.

NEEDS OF THE COLLEGE

The friends of the College may desire information as to its most pressing needs. Provision should be made for additional teaching force and apparatus in the following departments :

The Department of Physics.

The Department of Biology.

The Department of Applied Mathematics.

The Department of Philosophy and History.

The Department of Rhetoric and Elocution.

The Library Fund and the General Endowment Fund should be increased.

GENERAL ALUMNI ASSOCIATION

The Alumni Association of Pennsylvania College holds its regular annual meeting on Tuesday evening of Commencement Week. In 1876 the Board of Trustees granted the Association the privilege of nominating six of their number to membership in the Board, to fill alternate vacancies till the whole number is secured.

The officers of the association are : Rev. Luther S. Black, class of '88; Vice Presidents, Matthew G. Boyer, D.D., class of '65; Rev. Prof. Thomas B. Birch, class of '91; Prof. S. A. Van Ormer, '01; Secretary, Rev. M. Coover, class of '87; Treasurer, Mr. H. C. Picking, class of '79.

COLLEGE PERIODICALS

The *College Mercury*, published monthly in term time under the control of the Literary Societies, is a literary journal sustained by the contributions of students and alumni. The *Gettysburgian*, under private control of students, is published weekly and makes a specialty of college and town news. The *Spectrum*, an annual publication of the Junior class, contains pictorial representations of the College with its various organizations and surroundings as well as useful statistics about students and alumni. All aim at enlarging the means of communica-

tion between the College and its graduates, former students and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the Institution.


CONTINGENT FUND

Under the recommendations of the various Synods, the congregations on the territory of Pennsylvania College several years ago began a plan of taking up, on the Day of Prayer for Colleges, a special collection for the contingent expenses of the College. The money thus collected has been spent largely in improving the campus.

The attention of School-boards and others desiring teachers is called to the fact that it is frequently in the power of the Faculty to recommend suitable persons. Many graduates fill successfully important positions in public and private institutions.

FORM OF BEQUEST

I give, bequeath and devise to "The Trustees of Pennsylvania College, of Gettysburg, in the County of Adams," in the State of Pennsylvania, and their successors and assigns forever, the sum of —— (or shares in the bank of ——, or any other personal property or real estate, as the case may be), to be applied to the Endowment Fund of the Institution.

 *A bequest to a benevolent corporation, to be legal, must be made at least 30 days before the death of the Testator, in Pennsylvania, and 60 days in New York.*

PREPARATORY DEPARTMENT

AIM OF THE DEPARTMENT

Stevens Hall is located within two minutes walk from Pennsylvania College. The object of its foundation, which the school has steadily kept in view, was to present to the public AN ACADEMY UNDER THE CONTROL OF COLLEGE AUTHORITIES. The advantages of such a combination are obvious. To students who desire to prepare for college it offers a course of preparatory instruction under the eyes of their future Professors and in the line of the college requirements. The school, being open at all times to visits from the instructors in the College, and receiving from time to time their counsel, is able to give to those students who desire it just that preparatory study and drill which will lead to the most profitable and creditable work in the college classes. Time is concentrated upon the studies in which it is needed, and STUDENTS WHO HAVE SATISFIED THE REQUIREMENTS IN THE PREPARATORY DEPARTMENT ARE ADMITTED TO THE FRESHMAN CLASS OF THE COLLEGE UPON THE PRINCIPAL'S RECOMMENDATION WITHOUT FURTHER EXAMINATION. On the other hand, students who do not expect to enter College, and who desire only an English education, preparatory to business, teaching, etc., may find in this school an academy of high grade under the supervision of College Professors, in a college atmosphere, and with free access to the college libraries. Near association with a college is a stimulus to study, and often awakens a desire for a higher education.

GOVERNMENT

The Preparatory Department, though under the control of the College authorities, has a separate building of its own, and is under the special direction of a Principal who gives to it his whole time in the work of instruction and supervision. He is aided by three assistants.

The school seeks to develop intelligent Christian gentlemen. The discipline aims at making the pupil SELF-GOVERNING, and at leading him to habits of self respect and self-control by training the judgment, quickening the conscience, and cultivating a delicate sense of honor.

When it is evident that a pupil has no proper appreciation of his opportunities, and is harming the school rather than receiving benefit from it, his parents are asked to remove him.

During study hours students are expected to be in their rooms, which are subject to frequent visits by instructors.

ADMISSION

Students are admitted at any time to the grade for which they have been qualified by previous study. But it is highly important that the student enter the school as early in the course as possible. With the present high requirements for admission, a hurried preparation is generally unwise and tends to embarrass the student's future progress, especially in Latin and Greek. Accurate, technical scholarship, at which the school aims, can hardly be secured without long drill, especially in the languages. Without intending at all to discourage those whose circumstances, rather than their desire, lead them to attempt short preparation, all who can are urged TO LAY THE

FOUNDATION CAREFULLY. An additional year of time at the beginning is always a gain in the ease and success with which future work is done. The fact, however, is recognized that students differ widely in ability and industry, and every opportunity is afforded those who can do so to cover the required work in a shorter time.

No examinations are required for admission, the pupil being at once assigned to the class for which his previous studies seem to have fitted him. If, upon trial, it be found that a mistake has been made, the Principal reserves the right to transfer the student to the proper grade.

Students who have advanced sufficiently in Mathematics and the English branches to enter the Freshman class, but have not studied Latin or Greek, will here find special arrangements made for their rapid advancement. Girls will be received as day scholars. A study hall has been reserved for their exclusive use and they are not obliged to mingle with the general class except at regular recitation periods. When at school they are under the care of a lady superintendent. Refined homes for them can be secured in town at moderate rates. They will be under the care of the Principal, who will be fully informed of their conduct.

RELIGIOUS EXERCISES

On Sunday morning the students of the Preparatory Department are required to attend worship with the College instructors and students in the College Church, or in such other place of worship as their parents or guardians may designate. A Bible class is conducted by the Principal every Sunday morning and is a part of the regular

course of study. Chapel service is held every morning except Saturday.

COURSE OF STUDY

The course of study is designed to prepare students of either sex, who desire to enter college, for the Freshman class, and to give students who do not expect to enter college, so far as it can carry them, a wide intelligence, true culture, and habits of careful and sound thinking. New and important subjects have been added, and increased attention is given the lower classes. All students of the school have free access to the College Library, and students over fifteen years of age may join either of the College Literary Societies. There is also a Literary Society conducted by the students of the Department.

There is no musical course in the school, but arrangements for instruction at moderate terms may be made in the town without conflict with school work.

A report of the work and conduct of each student is sent home at the end of each term, and at any other time upon request or when the Principal thinks it desirable.

There are two courses, the Classical (with Greek), and the Scientific or Academic (without Greek). The subjects taught are as follows :

LATIN

Junior Class. Instruction in the essentials of the language. Translations of short stories, fables, dialogues. The writing in Latin of simple sentences. Drill on vocabulary.

Middle Class. Review of Latin in Comstock's Lessons. Viri Illustres Romae, with continuous drill in the grammar ; analysis of words and sentences ; prose composition based on the text.

Sub-Freshman Class. Cicero's Orations, first three against Cati-

line, with sight translations of advance passages; drill in syntax; prose composition based upon Cicero. Vergil's *Æneid*, I-III, with study of Latin Prosody; Mythology.

GREEK

Middle Class. White's First Greek Book; complete survey of the language with syntactical analysis of the first eight chapters of Xenophon's *Anabasis*; study of word-formation, rules of syntax, historical allusions; special drill on vocabulary.

Students in the Scientific course take Physics and Physiology instead of Greek.

Sub-Freshman Class. Xenophon's *Anabasis*, I-III, with continuous drill in grammar and Attic forms. Translation at sight of book V, with special study of moods and tenses.

Students in the Scientific Course will take Physical Geography and History instead of Greek.

Students who are prepared for college in all the other entrance requirements will be allowed to concentrate upon Latin, Greek and Mathematics, and a special class will be organized for their benefit.

MATHEMATICS

Junior Class. Arithmetic to percentage; analysis of numbers; notation; special drill in Fractions, including Decimals.

Middle Class. Arithmetic completed, with the Metric system; Commercial Arithmetic. Wells' Academic Algebra through Fractions.

Sub-Freshman Class. Algebra completed, with special drill in the Equation. Drill in Geometrical Figures with Kitchener's Note Book as a guide. Wentworth's Geometry, I-III; solution of original problems.

HISTORY

Junior Class. Eggleston's History of the United States; study by questions on the text, and by epochs. Frequent tests in writing.

Middle Class. Montgomery's History of the United States.

Sub-Freshman Class. Grecian and Roman History with attention to social customs, education, literature, thought and art. Reading from standard works in history and biography.

English and French History for students in the Scientific Course.

ENGLISH

Junior Class. English Grammar. Reading. Spelling. Punctuation; use of capitals. Writing from dictation. Letter writing.

Literature: Dr. Brown's Rab and His Friends, Hughes' Tom Brown's School Days, Kingsley's Heroes and Westward Ho, Hawthorne's Wonder Book, Burrough's Birds and Bees, Irving's Sketch Book.

Middle Class. Buehler's English Grammar. Reading, recitation, composition and declamation. Spelling, punctuation, capitals. Narration and description. Study of outlines.

Literature: Church's Story of the Iliad, Cooper's Last of the Mohicans, Longfellow's Miles Standish and Evangeline, Dickens' Christmas Carols, Tennyson's Enoch Arden.

Sub-Freshman Class. Syntactical analysis. Buehler's Practical Exercises. Study of the paragraph; figures; types of style. Abstracts and outlines. Declamation. Composition.

Literature: Macaulay's Essay on Frederick the Great, Sir Roger de Coverley Papers, Scott's Ivanhoe and Lady of the Lake, Hawthorne's Scarlet Letter, Eliot's Silas Marner, Tennyson's Idylls of the King, De Quincey's The Flight of the Tartars.

NATURAL SCIENCE

Junior Class. Geography, Industrial and Political, with map drawing. Natural History; survey of the Mineral, Vegetable and Animal Kingdoms.

Middle Class. Cooley's Physics. Physiology with direct reference to Hygiene.

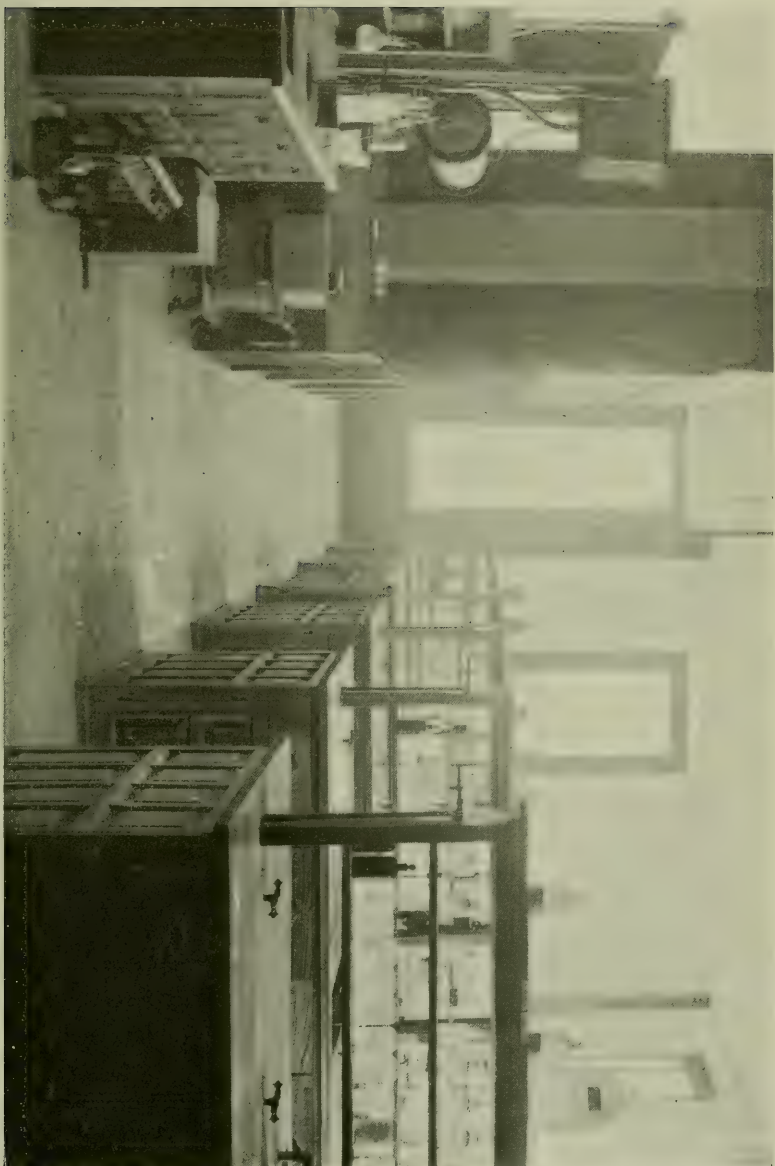
Sub-Freshman Class. Eclectic Physical Geography. Natural laws and forces.

BUSINESS

A course of instruction is given in Book-keeping when desired. This course is intended to fit young men for a business career.

PHYSICAL EXERCISE.

The building is surrounded with large and pleasant grounds adapted to foot-ball, baseball, tennis and other outdoor sports; and in addition to this the students enjoy all the privileges and instruction of the College Gymnasium.



A VIEW IN THE LABORATORY OF ANALYTICAL CHEMISTRY

BUILDINGS AND ROOMS

The building, located on a slight eminence north of the town, is heated throughout by steam. It has recently been thoroughly repaired and renovated. The rooms on the third floor are now arranged *en suite* with a broad archway separating the study and sleeping apartments. On the second floor the rooms are separate. The plaster and wood work has been renewed and repainted and the building neatly papered throughout.

The rooms have been refurnished with heavy oak wardrobes, bookcases, washstands, tables and chairs. Iron enameled beds, complete with springs and mattresses, are also provided. Two students occupy two rooms, one for studying the other for sleeping. The rooms are furnished with two single bedsteads, mattresses, chairs, table, bookcase, clothes closet, window curtains and washstand. The other articles needed for the rooms, and *to be furnished by the occupants*, are as follows: Washbowl and pitcher, mirror, lamp, oil-can, slop-pail and carpet. The carpet for a third floor study room is $10\frac{1}{2}$ by $10\frac{1}{2}$, sleeping room $10\frac{1}{2}$ by 11, for a second floor study room 10 by $12\frac{1}{2}$. Each student must also be provided with towels, three sheets for single bed, two pillow slips, a spread, comforts and blankets, and a feather pillow.

EXPENSES

	FALL TERM 14 WEEKS	WINTER TERM 12 WEEKS	SPRING TERM 10 WEEKS
Tuition,	\$12.00	\$9.00	\$9.00
Room-rent and Use of Furniture,	8.25	7.00	7.00
Steam Heat,	3.60	4.20	1.80
Gymnasium Fee,	2.00	2.00	2.00
Incidentals,	5.00	5.50	4.50
	<hr/> \$30.85	<hr/> \$27.70	<hr/> \$24.30

Students do not board in the building, but in clubs and private families at a cost of from \$1.93 to \$3.00 a week. Washing is \$1.25 a month. A deposit of one dollar will be required at the beginning of the year to insure the return of keys and the proper care of the room. This will be returned to the student at the end of the year if no damage has been sustained. Students who do not room in the building are not charged for room-rent or for heating.

All bills with the Institution must be paid at the beginning of each term. Money entrusted to the Principal for the use of the students will be expended as desired.

A TEACHERS' COURSE

is conducted during the Spring term.

The course, recognizing the existence of a science and an art of education which imposes the duty of preparation on those who would teach, desires first of all to afford an opportunity to make a helpful, practical study of some of the essential principles which underlie and actuate true teaching. To the accomplishment of this end daily work will be given in the Theory and Practice of Teaching. This work, by means of recitations, discussions, talks, etc., will point out the practical bearings of the History of Education, Psychology and School Management on the every-day duties and privileges of the school room. Experienced teachers will be employed in addition to the regular corps.

But this course, while laying emphasis on the professional side of a teacher's preparation, also duly recognizes the paramount importance of a thorough knowledge of

the subject-matter to be taught. Consequently daily recitations will be conducted in all the "common school" branches. In the presentation of these subjects the "topical method" will be followed, which admits of the use of *any* standard text-book.

Students in this course are allowed the use of the College library, equipment, etc. Dr. Stahley, Professor of Hygiene and Physical Culture, will deliver several illustrative lectures to the class in Physiology. The Astronomical Observatory with its fine large telescope will be used in personal observation and study of the solar system in its relation to the geography of the earth.

During the term several general tests will be held preparatory to the regular county examination.

Any person taking the course may study Book-keeping, Algebra, Geometry, Latin, Greek, etc., without additional charges for tuition.

The tuition for the term of eleven weeks is \$13.50.

This fee includes the entire course, there being no extra charges for additional branches.

Board can be secured at very moderate rates. See p. 49.

Term begins April 2.

Term closes June 17.

For further information address

REV. CHARLES H. HUBER, A.M.,
Principal.

REGISTER OF STUDENTS

COLLEGIATE DEPARTMENT

NOTE.—* indicates Scientific Course, † Select Course.

GRADUATE

Charles Milton Altland Stine, A.B., 1901,
Harrisburg, 31 E. Middle St.

SENIOR CLASS.

*David Snyder Babylon,	Westminster, Md.,	8 S.
Ralph Henry Bergstresser,	Lykens,	25 W.
Harry Benton Burkholder,	Mercersburg,	1 E.
Curtis Edward Cook,	Harrisburg,	9 M.
Edgar Allen Crouse,	Littlestown,	20 E.
*David Leslie Diehl,	Upton,	8 W.
*Jacob Diehl,	Greencastle,	21 W.
Paul William Eyster,	York,	38 E.
Maurice Heffley Floto,	Berlin,	2 S.
Charles Sumner Gracey,	Everett,	30 S.
William Walter Hartman,	Pittsburg,	6 S.
Edward Buchanan Hay,	Red Hook, N. Y.,	14 S.
William Franklin Hersh,	Pennsburg,	27 W.
*Daniel Clarence Jacobs,	Mummasburg, 135 Chambersb'g St.	
Frank Stoddard Lenker,	Schuylkill Haven,	3 S.
*Robert Willis Lenker,	Schuylkill Haven,	31 S.
Harold Steck Lewars,	Gettysburg,	157 Carlisle St.
Ralph Phaon Lewars,	Gettysburg,	157 Carlisle St.

William Perry McLaughlin,	<i>Mason and Dixon,</i>	1 S.
Paul Augustus Martin,	<i>Boys,</i>	15 and 17 S.
Edgar Carlton Mumford,	<i>Braddock, Md.,</i>	28 E.
*Robert Harry Philson,	<i>Meyersdale,</i>	2 S.
Rose Emma Plank, ✓	<i>Gettysburg,</i>	272 Buford Ave.
*George Snavelly Rentz,	<i>Pottsville,</i>	21 and 23 E.
Herbert Adron Rinard,	<i>Rays Hill,</i>	21 and 23 E.
Mary Cecilia Seiling, ✓	<i>York,</i>	135 Chambersburg St.
Edward Philip Stair,	<i>York,</i>	20 S.
*Herbert Louis Stifel,	<i>Allegheny,</i>	17 M.
David Sparks Weimer,	<i>Clearville,</i>	59 York St.
*Uriah Francis White,	<i>Manheim,</i>	15 and 17 S.
Norman Ash Yeany,	<i>Shannondale,</i>	28 E.
*Howard Boylston Young,	<i>Middletown,</i>	19 S.

SENIORS, 32.

JUNIOR CLASS.

Mary Catharine Adams, ✓	<i>Gettysburg,</i>	Confederate Ave.
William Wallace Barkley,	<i>Inler,</i>	10 M.
Geo. Fred. Hampton Berwager,	<i>Wentz's, Md.,</i>	23 W.
Lloyd Klose Bingaman,	<i>Mifflinburg,</i>	32 S.
Adie Elmer Black,	<i>El Dorado,</i>	Observatory.
John Blair Boyer,	<i>New Haven, Conn.,</i>	37 E.
Edward Stewart Bream,	<i>Gettysburg,</i>	Harrisburg Road.
Joseph Howard Bream,	<i>Gettysburg,</i>	134 Chambersburg St.
Samuel Allen Conway,	<i>Dallastown,</i>	18 M.
Wm. Reuben Shaffer Denner,	<i>Manchester, Md.,</i>	29 W.
John Maclay Diehl,	<i>Cashtown,</i>	11 M.
James Garfield Diller,	<i>Gettysburg,</i>	140 York St.
Bessie Mae Draiss, ✓	<i>Gettysburg,</i>	109 Springs Ave.
*Paul Brown Dunbar,	<i>Baltimore, Md.,</i>	17 W.
*Geo. L. Wellington Eppler,	<i>Cumberland, Md.,</i>	11 and 13 S.
*William Bunn Fischer,	<i>Shamokin,</i>	10 and 12 S.
Curtis Fisher,	<i>Johnstown,</i>	16 and 18 S.

Paul Froehlich,	<i>Harrisburg,</i>	24 S
*Walter Alexander Geesey,	<i>Altoona,</i>	16 W.
Josaver Winfield Gentzler,	<i>Thomasville,</i>	14 M.
*Colstin Bernard Gladfelter,	<i>Seven Valley,</i>	9 S.
Paul Gladfelter,	<i>Neimans,</i>	21 W.
Lyman Abram Guss,	<i>Patterson,</i>	20 M.
Mervin Roy Hampsher,	<i>Chambersburg,</i>	1 E.
†Hale Hill,	<i>Freeport,</i>	11 W.
Charles John Hines,	<i>Baltimore, Md.,</i>	17 W.
Albert Martz Hinkle,	<i>Codorus,</i>	16 E.
James Hipple,	<i>Middletown,</i>	24 E.
*Norman Danner Hoke,	<i>Gettysburg,</i>	19 W. High St.
Carrie Edna Inglebirt,	<i>Gettysburg,</i>	Confederate Ave.
Frank Layman,	<i>Greencastle,</i>	10 M.
William Cornelius Lott,	<i>Gettysburg,</i>	5 E.
Mary Ada McLinn,	<i>Bloomsburg,</i>	34 W. Middle St.
Frederick Garman Masters,	<i>Rockwood,</i>	12 M.
Charles Henry May,	<i>Manchester,</i>	18 W.
Sam'l Baughman Meisenhelder,	<i>York,</i>	11 and 13 S.
Arthur Edmund Rice,	<i>Gettysburg,</i>	168 York St.
Joseph Eugene Rowe,	<i>Emmitsburg, Md.,</i>	17 E.
*Clarence Milton Schaeffer,	<i>Westminster, Md.,</i>	8 M.
Hauer Hall Sharp,	<i>Lebanon,</i>	30 E.
†Goodell Sieber,	<i>Gettysburg,</i>	37 W. Middle St.
*James Walter Singmaster,	<i>Macungie,</i>	10 and 12 S.
Walter Young Sprengle,	<i>Hanover,</i>	1 S.
Fred. Charles Jos. Sternat,	<i>Baltimore, Md.,</i>	24 S.
Ira Washington Trostle,	<i>Arendtsville,</i>	26 W.
Samuel Pool Weaver,	<i>Greensburg,</i>	25 E.
Harriet Elizabeth Weigle,	<i>Mechanicsburg,</i>	34 W. Middle St.
Abdel Ross Wentz,	<i>Lineboro, Md.,</i>	14 E.
Mary Brownlee Wilson,	<i>Cobleskill, N. Y.,</i>	2 Carlisle St.
Norman Samuel Wolf,	<i>Abbottstown,</i>	33 W. Middle St.

SOPHOMORE CLASS.

Paris Biemensderfer Andes,	<i>East Petersburg,</i>	29 E.
Paul Amos Bartholomew,	<i>Prospect,</i>	23 S.
Harvey Bickel,	<i>Ottsville,</i>	1 York St.
Philip Raymond Bickl�,	<i>Gettysburg,</i>	2 Campus.
Walter Scott Bonnell,	<i>Junction, N. J.,</i>	36 E.
Clarence Edwin Butler,	<i>Lilly,</i>	18 M.
Bender Z. Clinton Cashman,	<i>New Oxford,</i>	New Oxford.
*Bruce Urban Parker Cobaugh,	<i>Somerset,</i>	12 M.
Leon Drill Dayhoff,	<i>Ringgold,</i>	28 W.
*John Christopher Diehl,	<i>New Oxford,</i>	New Oxford.
James Allen Dickson,	<i>Gettysburg,</i>	103 W. Middle St.
Andrew Luther Dillenbeck,	<i>St. Johnsville, N. Y.,</i>	19 W.
†Elmer J. Flanders,	<i>St. Johnsville, N. Y.,</i>	19 W.
*Tillottson Fryatt,	<i>Martinsburg, W. Va.,</i>	9 M.
John Stonesifer Gilbert,	<i>Gettysburg,</i>	1 York St.
*Ross Kirby Gilbert,	<i>Chambersburg,</i>	8 M.
*James Brown Graff,	<i>Worthington,</i>	9 S.
Joel Emory Grubb,	<i>Newport,</i>	27 E.
Harvey Solomon Haar,	<i>Zieglers,</i>	19 E.
Charles William Heathcote,	<i>Hanover,</i>	13 W.
Robert Nicholas Heltzell,	<i>Hunterstown,</i>	Hunterstown.
Arthur William Hershey,	<i>Hanover,</i>	Hanover.
*Latimer Augustus LaMotte,	<i>Lamotte, Md.,</i>	20 E.
Mitchell Mahlon Metzger,	<i>Turtle Creek,</i>	32 E.
*Albert Abraham Partner,	<i>Patterson,</i>	20 M.
Lloyd Emory Poffinberger,	<i>Foltz,</i>	15 E.
*George Rupp Pretz,	<i>Steelton,</i>	18 M.
Harry Randolph Rice,	<i>Gettysburg,</i>	168 York St.
Fred Ludwig Roth,	<i>Pittsburg,</i>	33 E.
*Edmund Hoopes Singmaster,	<i>Gettysburg,</i>	Confederate Ave.
*Howard Mattern Singmaster,	<i>Macungie,</i>	10 and 12 S.
*Guy Revere Thomas,	<i>Biglerville,</i>	8 W.

Nellie May Tipton,	<i>Gettysburg</i> ,	48 Chambersburg St.
*Harold Schick Trump,	<i>Martinsburg, W. Va.</i> ,	9 M.
Harry Oristus Wagner,	<i>Union Deposit</i> ,	26 E.
Isaac Elmer Walter,	<i>Alga</i> ,	23 Mummasburg St.
SOPHOMORES, 36.		

FRESHMAN CLASS

Martin Eli Anderson,	<i>Chicago, Ill.</i> ,	2 S.
Charles Haines Auman,	<i>Spring Mills</i> ,	31 E.
Albert Billheimer,	<i>Gettysburg</i> ,	108 Springs Ave.
Jonas Sahrer Blank,	<i>Pittsburg</i> ,	26 S.
†Mark Townsend Booye,	<i>Atlantic City, N. J.</i> ,	14 W.
David Webster Bowersox,	<i>Harney, Md.</i> ,	209 N. Washington St.
Hylas Clyde Brillhart,	<i>Winterstown</i> ,	7 E.
*Harry Brua Campbell,	<i>Middletown</i> ,	11 E.
†Jesse Q. Craig,	<i>Bridgeton, N. J.</i> ,	14 W.
Herbert Schuman Dornberger,	<i>Pittsburg</i> ,	15 W.
Wellington Roe Emmert,	<i>York Springs</i> ,	25 S.
*Albon Ellsworth Fichtner,	<i>Johnstown</i> ,	9 W.
Charles Edward Frye,	<i>Brunswick, Md.</i> ,	35 E.
Malvin Dale Geesey,	<i>Spring Forge</i> ,	22 E.
*Warren Lavere Hafer,	<i>Abbottstown</i> .	19 S.
David Augustus Harmon,	<i>Hazleton</i> ,	3 S.
*John Nicholas Hartman,	<i>McKeesport</i> ,	5 S.
Elam Gross Hess,	<i>Manheim</i> ,	31 E.
*George William Hill, Jr.,	<i>Frostburg, Md.</i> ,	18 E.
*Joseph Hendrix Himes,	<i>New Oxford</i> ,	New Oxford.
*George Gitt Hollinger,	<i>Abbottstown</i> .	28 S.
†Eva Rebecca Holtzworth,	<i>Gettysburg</i> ,	44 Steinwehr Ave.
*Joseph Hunt, Jr.,	<i>Lewistown</i> ,	10 W.
Harrison Kauffman,	<i>Paxton</i> ,	218 N. Stratton St.
*Lloyd Leslie Lammert,	<i>Frostburg, Md.</i> ,	24 W.
James Edward Lowe, Jr.,	<i>Emmitsburg, Md.</i> ,	20 W.
*Mary Agnes McAllister,	<i>Gettysburg</i> ,	38 E. High St.

*Harriet Anderson McGill, ✓	Thurmont, Md.,	202 Chambersburg St.
Mary Buchanan McGill, ✓	Thurmont, Md.,	202 Chambersburg St.
†Arthur Reed McMahan,	Troy,	18 E.
*David Forney Miller,	Mechanicsburg,	21 M.
David Norman Mincemoyer,	Watsonstown,	14 M.
*Hiester Henry Muhlenburg,	Reading,	10 and 12 S.
Homer Wertz Myers,	Marion,	15 E.
George Gordon Parker,	Colwyn,	33 S.
*Ralph Deal Pfahler,	Meyersdale,	8 S.
Judd Nyann Poffinberger,	Vandergrift,	21 S.
Mary Eleanor Power, ✓	Gettysburg,	47 Breckenridge St.
†Fenton Richard Quigley,	Lewistown,	4 S.
William Martin Seligman,	Butler,	7 Chambersburg St.
†John Campbell Sheridan,	Johnstown,	4 S.
Charles Fager Shriver,	York,	39 E.
*Elmer Louis Smith,	Allegheny,	27 S.
John Henry Snoke,	Newville,	7 E.
*Joseph Freas Staley,	Middletown,	11 E.
†Ralph Otis Statler,	Middletown,	11 E.
*Walter Sherman Stine,	Harrisburg,	31 E. Middle St.
Bertram Augustus Strohmeier,	Pottsville,	21 E.
*Amanda Margarette Tawney, ✓	Gettysburg,	41 Steinwehr Ave.
*George Michael Trostle,	York Springs,	26 W.
John Miller Van Doren,	New Germantown, N. J.,	29 S.
Helen May Wagner, ✓	Hazleton,	34 W. Middle St.
Vera Louisa Wagner, ✓	Hazleton,	34 W. Middle St.
†Joseph Wilbur Wassem,	Gettysburg,	116 Baltimore St.
Daniel Elias Weigle,	Mechanicsburg,	22 M.
Nathaniel Ruggles Whitney,	Lykens,	31 W.
*Ernest Samuel Wolf,	Abbottstown,	19 E.
Joseph Harold Wolf,	Glen Rock,	22 M.
Paul Milton Young,	New York City,	7 S.
*Frank Person Zarr,	Bloomsburg,	34 S.

FRESHMEN, 60.

PREPARATORY STUDENTS

SUB-FRESHMAN CLASS

Jesse Ethan Benner,	<i>Gettysburg,</i>	Baltimore Pike.
Nellie Kate Blocher,	<i>Gettysburg,</i>	400 Carlisle St.
Edwin Butler Boyer,	<i>Accident, Md.,</i>	39 St.
Thomas Alvin Faust,	<i>Ambler,</i>	44 St.
Mary Swartz Fiscel,	<i>Gettysburg,</i>	Baltimore Pike.
John James Garvin,	<i>Gettysburg,</i>	213 Buford Ave.
Elsie Anna Garlach,	<i>Gettysburg,</i>	56 Chambersburg St.
Clifford Clinton Hartman,	<i>McKeesport,</i>	6 S.
David Martin Hershey,	<i>Heidlersburg,</i>	23 St.
Howard Elwood James,	<i>Reading,</i>	30 E.
George Karmany,	<i>Hummelstown,</i>	10 E.
Joseph Master Kunkle,	<i>Johnstown,</i>	44 St.
John Townsend Lafferty,	<i>Avonmore,</i>	34 St.
George McPherson Laverty,	<i>Denver, Col.,</i>	43 St.
John Dwight Lower,	<i>McKnightstown,</i>	McKnightstown.
Mary Matilda Martin,	<i>Boys,</i>	Eagle Hotel.
John Charles Matt,	<i>Philadelphia,</i>	9 W.
Frances Riggin McClean,	<i>Gettysburg,</i>	150 York St.
Ethyl Roxanna Meals,	<i>Menallen,</i>	240 Baltimore St.
Edgar Allen Miller,	<i>Hampton,</i>	44 St.
Ira David Plank,	<i>Gettysburg,</i>	36 E.
Harvey Cleveland Preston,	<i>Manchester, Md.,</i>	29 W.
Edgar Nevin Rhodes,	<i>Emmitsburg, Md.,</i>	33 St.
Ward Beecher Shank Rice,	<i>Gettysburg,</i>	28 W. High St.
Ernest Victor Roland,	<i>Chapman's Run,</i>	28 St.
Martha Ellen Sachs,	<i>Gettysburg,</i>	136 E. Middle St.
Robert William Schnitzer,	<i>Gettysburg,</i>	4 Carlisle St.
Jesse Nelson Sharets,	<i>Gettysburg,</i>	48 Stevens St.
Russell Shoemaker,	<i>Harney, Md.,</i>	29 St.

Paul Rothrock Sieber,	<i>Gettysburg,</i>	27 W. Middle St.
Paul Singmaster,	<i>Gettysburg,</i>	Confederate Ave.
Joseph Troxell Spangler,	<i>Gettysburg,</i>	128 Carlisle St.
Ralph Otis Statler,	<i>Middletown,</i>	11 E.
Rose Stock,	<i>Gettysburg,</i>	38 Washington St.
Nina Gertrude Storrick,	<i>Gettysburg,</i>	7 Hanover St.
Cora Susan Swartz,	<i>Gettysburg,</i>	238 Baltimore St.
Mary Stair Swope,	<i>Gettysburg,</i>	208 Baltimore St.
Luther Benton Thomas,	<i>Gettysburg,</i>	240 Chambersburg St.
Upton Dale Thomas,	<i>Gettysburg,</i>	240 Chambersburg St.
Frederick Rufus Welty,	<i>Gettysburg,</i>	233 York St.
Amos Eckert Williams,	<i>Gettysburg,</i>	York St.

MIDDLE CLASS

George Nicholas Acker,	<i>Washington, D. C.,</i>	46 St.
Ellwood Erastus Barley,	<i>Baker's Summit,</i>	24 St.
Maria Grace Blocher,	<i>Gettysburg,</i>	400 Carlisle St.
Ira C. Boyts,	<i>Stoyestown,</i>	43 St.
Mae Minnie Bruner,	<i>Gettysburg,</i>	32 Carlisle St.
Ellen Patterson Crapster,	<i>Taneytown, Md.,</i>	136 Baltimore St.
Joseph Chalfant Dickson,	<i>Gettysburg,</i>	103 W. Middle St.
John McCrae Dickson,	<i>Gettysburg,</i>	103 W. Middle St.
James Erwin Diehl,	<i>Cashtown,</i>	Cashtown.
Le Roy Earl Enterline	<i>Ashland,</i>	30 St.
Edgar McCreary Faber,	<i>Gettysburg,</i>	28 Chambersburg St.
Herman Harbaugh Flick,	<i>Manchester, Md.,</i>	39 St.
Norman McCarrell Fox,	<i>Gettysburg,</i>	6 Chambersburg St.
Ruth Katherine Hamilton,	<i>Gettysburg,</i>	National Cemetery.
Mary Hay Himes,	<i>Gettysburg,</i>	130 Carlisle St.
John Byron Horner,	<i>Fairfield,</i>	Fairfield.
Henry States Huber,	<i>Gettysburg,</i>	103 Spring Ave.
Donald Witherow Huber,	<i>Gettysburg,</i>	103 Spring Ave.
Guy Beaver King,	<i>Virginia Mills,</i>	Virginia Mills.
Seizo Koizumi,	<i>Osaka, Japan,</i>	27 St.

Harry Smith Landis,	<i>Swales,</i>	22 M.
Katheryne Spencer Large,	<i>Orrtanna,</i>	302 Baltimore St.
Irvin Martin Lau,	<i>Swam,</i>	41 St.
John Mather Leonard,	<i>Martinsburg, W. Va.,</i>	46 St.
Roy Foster McClune,	<i>Pittsburg,</i>	38 St.
William Bradbury McClure,	<i>McKeesport,</i>	45 St.
James Haines McClure,	<i>McKeesport,</i>	45 St.
Frank Orville Miller,	<i>Gettysburg,</i>	63 W. Middle St.
Effie Miller,	<i>Gettysburg,</i>	25 Chambersburg St.
John Homer McLehenny Miller,	<i>Lititz,</i>	40 St.
William Thomas Newman,	<i>York Road, Md.,</i>	34 St.
Charles Leedom Patterson,	<i>Franklin,</i>	16 S.
John Campbell Sheridan,	<i>Johnstown,</i>	4 S.
Herbert Russel Staley,	<i>Middletown,</i>	38 St.
Loy Woods Stambaugh,	<i>Cisna Run,</i>	41 St.
Howard Arthur Stouffer,	<i>York,</i>	32 St.
Horace Clay Thoman,	<i>Abbottstown,</i>	40 St.
Maurice Stevenson Weaver,	<i>Gettysburg,</i>	261 Baltimore St.
Ethel Regina Wolfort,	<i>Gettysburg,</i>	114 Stratton St.

JUNIOR CLASS

Lytton Briggs Buehler,	<i>Gettysburg,</i>	11 Chambersburg St.
Ruth Zella Buehler,	<i>Gettysburg,</i>	11 Chambersburg St.
Louise Duncan,	<i>Gettysburg,</i>	109 Lincoln St.
Katheryn Duncan,	<i>Gettysburg,</i>	109 Lincoln St.
Earl Spangler Eicholtz,	<i>Gettysburg,</i>	135 Chambersburg St.
Garfield Eisentrout,	<i>Eckhart Mine, Md.,</i>	26 St.
Ruth Anna Faber,	<i>Gettysburg,</i>	28 Chambersburg St.
Blanche Swope Klinger,	<i>Gettysburg,</i>	129 Lincoln St.
Mary Catherine Kohler,	<i>Philadelphia,</i>	10 York St.
Carrie Marie Schroeder,	<i>Gettysburg,</i>	257 Baltimore St.
Anna Hayward Spangler,	<i>Gettysburg,</i>	128 Carlisle St.
Lucile Hannah Warner,	<i>Gettysburg,</i>	504 Baltimore St.

COMMENCEMENT, 1902

DEGREES, HONORS AND PRIZES

* CLASS OF 1902

BACHELORS OF ARTS.

Ira Bruce Amick,	Milton Ralph Long,
Allen Franklin Basehoar,	David Sylvester Martin,
Walter John Bickel,	David Montfort Melchior,
Emory David Bream,	John Franklin Newman,
Martin Luther Clare,	William Cramp Ney,
Paul Gerhardt Cressman,	Reese St. Clair Poffenbarger,
Silas Harman Culler,	William H. Winfield Reimer,
Mark Kurtz Eckert,	Arthur Bean Richard,
Frank Speck Fite,	William M. Robenolt,
Wilbur Henry Fleck,	Henry Calhoun Rose,
John Trauger Fox,	Edward Clayton Ruby,
Luther Eugene Henry,	Menno Sharp,
Frederick Arnold Hightman,	James Arthur Smyser,
Benjamin Franklin Hohenshilt,	Charles Clarence Storrick,
Carl Stichter Karmany,	James Calvin Taylor,
Martin Schaeffer Karmany,	Clyde Baker Weikert,
John Gelwicks Koser,	Paul Daniel B. Witman.

BACHELORS OF SCIENCE.

Harry George Amick,	Annie Martha Swartz,
William Griffith Smyser.	James Donald Swope.

FIRST HONOR :

Edward C. Ruby, Gettysburg.

SECOND HONOR :

William M. Robenolt,	. . .	Fayette, N. Y.
D. Montfort Melchior,	. . .	Springtown.
Charles C. Storrick,	. . .	Gettysburg.
John F. Newman,	. . . .	Fayetteville.
Arthur B. Richard,	. . .	Lovettsville, Va.
Clyde B. Weikert,	. . . .	Woodsboro, Md.
R. St. Clair Poffenbarger,	. . .	Rohrersville, Md.
Fred. A. Hightman,	. . . .	Waterford, Va.
Emory D. Bream,	. . . .	Gettysburg.

GRAEFF PRIZE :

John F. Newman,	. . . .	Fayetteville.
with honorable mention of		
Martin L. Clare,	. . . .	Abbottstown.

CLASS OF 1903

HASSLER GOLD MEDAL :

Paul W. Eyster,	. . . .	York.
with honorable mention of		
David S. Weimer,	. . . .	Clearville.
Ralph H. Bergstresser,	. . .	Lykens.
Edward P. Stair,	. . . .	York.

REDDIG PRIZE IN ORATORY:

Herbert L. Stifel,	. . . .	Allegheny.
with honorable mention of		
Harry B. Burkholder,	. . . .	Mercersburg.
W. Franklin Hersh,	. . . .	Pennsburg.

CLASS OF 1904

BAUM SOPHOMORE MATHEMATICAL PRIZE:

Abdel R. Wentz,	. . .	Lineboro, Md.
with honorable mention of		
Joseph E. Rowe,	. . .	Emmitsburg, Md.
Paul Froehlich,	. . .	Harrisburg.
Mervin R. Hamsher,	. . .	Chambersburg.
Frederick G. Masters,	. . .	Rockwood.

CLASS OF 1905

MUHLENBERG FRESHMAN PRIZE:

Philip Raymond Bikelé,	. . .	Gettysburg.
with honorable mention of		
Charles W. Heathcote,	. . .	Hanover.
Bender Z. C. Cashman,	. . .	New Oxford.

GIES PRIZES IN ENGLISH COMPOSITION:

FIRST PRIZE:

Edward C. Ruby (1902),	. . .	Gettysburg.
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SECOND PRIZE:

William M. Robenolt (1902),	. . .	Fayette, N. Y.
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THIRD PRIZE:

Herbert L. Stifel (1903),	. . .	Allegheny.
with honorable mention of		
W. H. W. Reimer (1902),	. . .	Stone Church.
Edward B. Hay (1903),	. . .	Red Hook, N. Y.

MASTER OF ARTS IN COURSE:

1891

William L. Snyder.

1898

Charles T. Lark, LL.B.,

Rev. Samuel F. Tholan,

Rev. Robert W. Woods.

1899

Rev. William E. E. Brown,	Rev. Thomas J. Reisch,
Arthur St. Clair Brumbaugh, M.D.,	Jacob D. Snyder,
Rev. Robert W. Doty,	Rev. Amos M. Stamets,
Rev. Martin L. Enders,	Rev. Jacob H. Straw,
Rev. Stewart W. Herman,	Rev. J. Wesley Weeter,
Prof. Jos. N. K. Hickman,	Anna Rose Welty.
Rev. George N. Lauffer,	

HONORARY MASTERS OF ARTS:

Prof. Elmer A. Wolf (ex-1883), Baltimore, Md.
 John P. Earnest, LL.M. (ex-1886), Washington, D. C.
 Prof. W. Harpel, . . . Shamokin.

DOCTORS OF DIVINITY:

Rev. Abraham G. Fastnacht, (1870), York.
 Rev. Herman F. Fischer (1880), Easton.
 Rev. Henry H. Weber (1882), York.

DOCTORS OF LAWS:

Prof. Samuel P. Sadtler, Ph.D. (1867).
 Rev. Jeremiah Zimmerman, D.D. (1873).

 SUMMARY

(EXCLUSIVE OF HONORARY DEGREES)

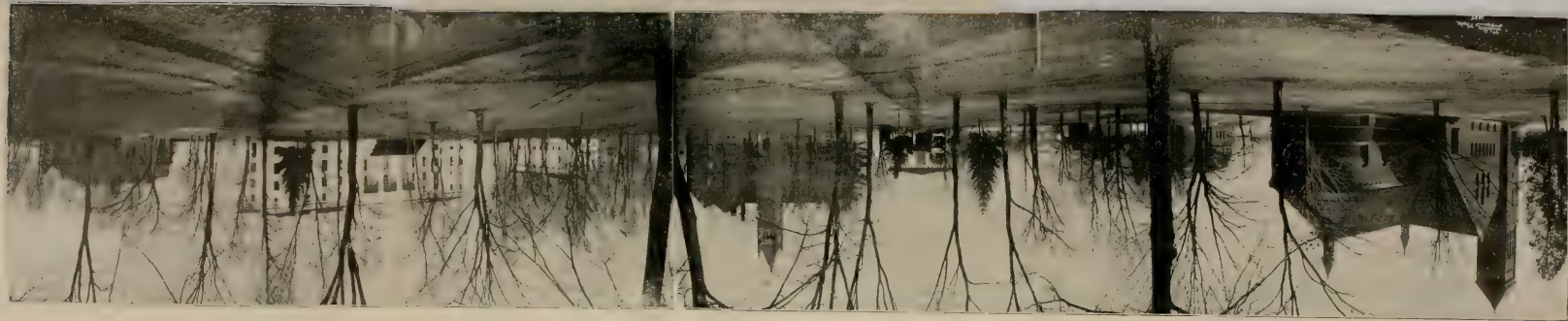
Bachelors of Arts,	1,193
Bachelors of Science,	63
Doctors of Philosophy, (holding their first degree from other Institutions),	7
Whole number of graduates,	<hr/> 1,263

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SEVENTY-SECOND ANNUAL CATALOGUE

CAMPUS AND BUILDINGS OF PENNSYLVANIA COLLEGE



SEVENTY-SECOND ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

PENNSYLVANIA COLLEGE

GETTYSBURG, PENN'A.

FOR THE ACADEMIC YEAR

1903—1904.

GETTYSBURG, PA.

N. C. BARBEHENN, PRINTER.

1904.

CALENDAR, 1903—1905.

1903.

- Sept. 10. Thursday morning—beginning of First Term.
Dec. 18. End of First Term.

WINTER VACATION.

1904.

- Jan. 5. Beginning of Second Term.
Jan. 31. Day of Prayer for Colleges.
March 29. End of Second Term

EASTER RECESS, NOON MARCH 29, TO MORNING APRIL 5.

- April 5. Beginning of Third Term.
April 28. Junior Latin Examination for Hassler Prize.
June 6, 7, 8. Final Examination of Senior Class.
June 12. Sunday Morning—Baccalaureate Sermon by REV.
 CHARLES S. ALBERT, D.D.
June 12. Sunday Evening—Discourse before the Y. M. C. A.
June 13, 14. Entrance Examinations.
June 14. 8 A. M., Tuesday—Meeting of Board of Trustees.
June 14. 10 A. M., Tuesday—Junior Oratorical Contest.
June 14. Evening—Annual Meeting of Alumni—Alumni
 Collation—President's Reception.
June 15. 9 A. M., Wednesday—Commencement Exercises.

SUMMER VACATION.

- Sept. 15. * Thursday Morning—Beginning of First Term.
Dec. 21. End of First Term.

WINTER VACATION.

1905.

- Jan. 4. Beginning of Second Term.
March 29. End of Second Term.
April 5. Beginning of Third Term.
June 14. Commencement.

TRUSTEES.

P. H. GLATFELTER, President,	Spring Forge.
HON. JOHN A. SWOPE, Vice President,	Washington, D. C.
CHARLES M. STOCK, D.D., Secretary,	Hanover.
Pres. H. W. McKNIGHT, D.D., LL.D.,	Gettysburg.
J. GEORGE BUTLER, D.D.,	Washington, D. C.
MILTON VALENTINE, D.D., LL.D.,	Gettysburg.
LUTHER E. ALBERT, D.D.,	Germantown.
GEORGE RYNEAL, JR.,	Washington, D. C.
HON. SAMUEL D. SCHMUCKER, LL.D.,	Baltimore, Md.
JACOB BUEHLER,	Harrisburg.
BENJAMIN S. KUNKEL,	Philadelphia.
JOHN F. GWINNER,	Easton.
HON. EDMUND D. GRAFF,	Worthington.
HON. S. McC. SWOPE,	Gettysburg.
WILLIAM H. DUNBAR, D.D.,	Baltimore, Md.
THOMAS C. BILLHEIMER, D.D.,	Gettysburg.
JOHN WAGNER, D.D.,	Hazleton.
MATTHEW G. BOYER, D.D.,	Philadelphia.
T. BLAIR PATTON,	Huntingdon.
JAMES STRONG,	Philadelphia.
JOHN B. McPHERSON, Esq.,	Boston, Mass.
J. EMORY BAIR,	Gettysburg.
JOHN J. YOUNG, D.D.,	New York City.
WILLIAM A. SHIPMAN, D.D.,	Johnstown.
CHARLES A. KUNKEL,	Harrisburg.
HENRY C. PICKING,	Gettysburg.
HON. DANIEL F. LAFEAN,	York.
WILLIAM J. MILLER,	Philadelphia.
CHARLES F. STIFEL,	Allegheny.
HENRY H. WEBER, D.D.,	York.
HON. HARRY M. CLABAUGH,	Washington, D. C.
CHARLES BAUM, Ph.D., M.D.,	Philadelphia.
J. HARRY FRITZ,	Somerset.

FACULTY AND INSTRUCTORS.

HARVEY W. McKNIGHT, D.D., LL.D.,
PRESIDENT, AND WILLIAM BITTINGER PROFESSOR OF INTELLEC-
TUAL AND MORAL SCIENCE.

3 Campus

JOHN A. HIMES, A.M., Litt.D.,
GRAEFF PROFESSOR OF ENGLISH LITERATURE AND POLITICAL
SCIENCE, AND LIBRARIAN.

130 Carlisle Street

REV. PHILIP M. BIKLE, A.M., Ph.D.,
DEAN, AND PEARSON PROFESSOR OF THE LATIN LANGUAGE AND
LITERATURE.

2 Campus

EDWARD S. BREIDENBAUGH, Sc.D.,
OCKERSHAUSEN PROFESSOR OF CHEMISTRY AND MINERALOGY.
AND CURATOR OF THE MUSEUM.

227 Carlisle Street

GEORGE D. STAHLEY, A.M., M.D.,
DR. CHARLES H. GRAFF PROFESSOR OF PHYSICAL CULTURE AND
HYGIENE, AND SECRETARY OF THE FACULTY.

Confederate Avenue

HENRY B. NIXON, Ph.D.,
PROFESSOR OF MATHEMATICS AND ASTRONOMY.

1 Campus

ELI HUBER, D.D.,
AMANDA RUPERT STRONG PROFESSOR OF ENGLISH BIBLE, AND
CHAPLAIN.

411 Carlisle Street

REV. OSCAR G. KLINGER, A.M.,
FRANKLIN PROFESSOR OF THE GREEK LANGUAGE AND LITERA-
TURE.

120 Lincoln Street

REV. SAMUEL G. HEFELBOWER, A.M.,
PROFESSOR OF THE GERMAN LANGUAGE AND LITERATURE, AND
INSTRUCTOR IN FRENCH.

East Lincoln Street

CLYDE B. STOVER, A.M.,

ASSISTANT IN CHEMISTRY.

34 Stevens Street

REV. CHARLES H. HUBER, A.M.,

PRINCIPAL OF THE PREPARATORY DEPARTMENT, AND PROFESSOR
OF LATIN AND GREEK.

411 Carlisle Street

HARRY A. LANTZ, A.B.,

TUTOR IN MATHEMATICS AND NATURAL SCIENCE.

42 Stevens Hall

CHARLES C. STORRICK, A.B.,

TUTOR IN GREEK AND HISTORY.

16 Stevens Hall

ROSE E. PLANK, A.B.,

PRECEPTRESS.

272 Buford Ave.

HOWARD E. JAMES,

PHYSICAL INSTRUCTOR.

30 East College

FRANK LAYMAN,

PROCTOR.

0 Middle College

JOHN B. BOYER,

PROCTOR.

14 South College

HARRY C. PICKING,

TREASURER.

17 Baltimore Street

SALLIE P. KRAUTH,

ASSISTANT LIBRARIAN.

3 Baltimore Street

COURSES OF STUDY

The College offers the following courses :

- I. A Classical course leading to the degree of A.B.
- II. A Scientific course leading to the degree of B.S.
- III. Special courses without reference to a degree.
- IV. Graduate courses leading to the degree of Ph.D.

TERMS OF ADMISSION

Entrance examinations are held on Monday and Tuesday before Commencement and on Thursday, the day of opening, in September. While there may be examinations at other times, all applicants are urged to present themselves on the days appointed. Students from the Preparatory Department are admitted to the Freshman class upon the recommendation of the Principal without further examination. Applicants recommended by approved Academies and High Schools as having mastered the required preparatory studies are admitted on an extended trial, without a formal examination. *Women are admitted to all departments as day scholars.*

CLASSICAL COURSE

Candidates for the Freshman class are subject to examination in the following books or their equivalents :

LATIN.—Latin Grammar : three books of Cæsar's Gallic War ; three books of Virgil's Æneid ; three orations of Cicero.

GREEK.—Greek Grammar complete ; three books of the Anabasis ; Jones' Prose Composition complete.

MATHEMATICS.—Arithmetic complete, including the Metric System; Elementary Algebra (Wells' Academic, through Quadratics, Robinson's complete, or Wentworth's to Chapter XVIII); Geometry, three books of Wentworth's, or Phillips and Fisher's, or the equivalent in other authors.

ENGLISH.—In English the following books, recommended by the Association of Colleges and Preparatory Schools of the Middle States and Maryland, will be required:

For 1904: Addison's *Sir Roger de Coverley Papers*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Elliot's *Silas Marner*; Milton's *L'Allegro, Il Penseroso, Lycidas and Comus*.

For 1905 and 1906: Addison's *Sir Roger de Coverley Papers*; Irving's *Life of Goldsmith*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe* and *Lady of the Lake*; Tennyson's *Lancelot and Elaine* and *Passing of Arthur*; Lowell's *Vision of Sir Launfal*; George Elliot's *Silas Marner*.

The candidate will be required to present evidence of a general knowledge of the subject matter and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics designed to test the candidate's power of clear and accurate expression and will call for only a general knowledge of the substance of the books. Questions involving the essentials of English Grammar and the fundamental principles of Rhetoric will be part of the examination.

No candidate will be accepted in English whose work is notably deficient in spelling, punctuation, idiom, or division into paragraphs.

GEOGRAPHY AND HISTORY.—Modern Political Geography; History of the United States (the equivalent of Sheldon's); Essentials of Greek and Roman History.

SCIENTIFIC COURSE

Candidates for the Freshman class of the Scientific Course are subject to the same examination as for the Classical Course with the omission of the Greek. For this omission may be substituted one of the following:

I. PHYSIOGRAPHY (Elementary Physical Geography), BOTANY (Elements of systematic and structural departments), or ELEMENTARY PHYSICS.

II. HISTORY.—Histories of England and France (Montgomery is recommended).

SPECIAL COURSE

Students not candidates for a degree are admitted to the privileges of the College and allowed to take special undergraduate studies, selected with the approval of the Faculty in such a manner as to secure the full and profitable employment of their time. Such special students undergo the examination necessary to ascertain their fitness for the proposed courses.

A candidate for advanced standing, in addition to the foregoing studies, is examined in the various books which the class he proposes to enter has studied.

An accurate and thorough acquaintance with the studies required for admission is indispensable, in order to receive the full advantage of the college course. Students imperfectly prepared for the class they enter are embarrassed in their future progress and are seldom able to make up their deficiency.

No one is admitted to the Senior class after the beginning of the second term.

TESTIMONIALS.—Satisfactory testimonials of good moral character are required, and students from other institutions must bring certificates of regular and honorable dismissal.

SUPERVISION AND DEVOTIONAL EXERCISES

The President and the Dean, residing on the Campus, have special supervision of the buildings and are at all times easily accessible to the students. The College seeks to secure the coöperation of each individual student in the preservation of good order and the attainment of a high standard of scholarship and manly conduct.

Prayers, with reading of the Scriptures and singing, conducted by the President or Chaplain, are attended daily at 7.40 A. M., on week days, in Brua Chapel. The devotional exercises of Sunday, beginning at 8 A. M., are extended to an hour's study of the International Sunday School lesson. At 10.30 A. M., all the students are required to attend public worship in the College Church, or in such other place of worship as their parents or guardians may designate by written request. Catechetical instruction is provided for those who desire it, and students are welcomed to other religious services in the churches of the town.

The Young Men's Christian Association of the College is an active agent in promoting religious interest among the students. Regular and special meetings for prayer are conducted by the members and classes for Bible study are formed. An annual course of lectures and musical entertainments under the same auspices adds much to the social enjoyment and culture of the college community.

INSTRUCTION

In the undergraduate courses each candidate for a degree must have sixteen exercises a week of required or elective work in recitations, lectures, or laboratory periods, besides the biblical hour on Sunday and the gymnasium periods. Usually there are three exercises each day except Saturday, when there is commonly only one. Laboratory, drawing and surveying periods are each two and a half hours. A gymnasium period is one hour. A student in any of the special courses must have not less than eleven exercises a week.

RULES FOR THE CHOICE OF ELECTIVES

1. No student shall be allowed to pursue any elective study unless the instructor in the same is satisfied that the student is prepared to pursue said study.

2. The choice of electives shall be made at the beginning of the year, and no change shall be allowed during the year.

The following schedule presents a general view of the studies and hours of the various classes:

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9	Greek.	Latin.	Greek.	Latin.	Greek.	Latin.
	10 or 11	Elocution.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	
	2 or 3	French.	History.	French.	History.	Bible.	
JUNIOR	8 or 9	Latin.	Greek.	Latin.	Greek.	Latin.	Greek.
	10 or 11	German.	English.	English.	German.	English.	
	2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
SENIOR	8 or 9	English.	German.	Psychology.	Psychology.	English.	German.
	10 or 11	Math. 1 English. 2 Chemistry. 3 Biology.	1 Latin. 2 Latin. 3 Bible.	1 Greek. 2 Greek. 3 Bible.	1 Latin. 2 Latin. 3 Bible.	1 Greek. 2 Greek. 3 Bible.	
	1 to 3	Chemistry.	Math. 1 English. 2 Chemistry. 3 Physics.	Chemistry.	1 English. 2 Chemistry. 3 Physics.	Chemistry.	
SENIOR	8 or 9	1 Astronomy. 2 Theism. 3	Pol. Science.	1 Astronomy. 2 Theism. 3	Pol. Science.	1 Astronomy. 2 Theism. 3	Pol. Science. Chemistry (9).
	10 or 11	1 Physics. 2 Geology. 3	1 Physics. 2 Geology. 3	$\frac{1}{2}$ Evid. Christ. $\frac{1}{2}$ Ethics.	$\frac{1}{2}$ Evid. Christ. $\frac{1}{2}$ Ethics.	1 Physics. 2 Geology. 3	Biology.
	2 3 1 to 3	Pol. Science. Soc. Science. Chemistry.	Hebrew. Greek. Biology. Mineralogy.	German. Latin. Chemistry.	Hebrew. Greek. Biology. Mineralogy.	German. Latin. Chemistry.	

Astronomy, one hour a week Observatory (night) work.
Math. Problems, two periods a week at convenience.

Italics indicate Elective Studies.

Numerals 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

SCIENTIFIC COURSE.

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY	SATURDAY.
FRESHMAN	8 or 9	Chemistry.	Latin.	Chemistry.	Latin.	Chemistry.	Latin.
	10 or 11	Elocution.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	
	2 or 3	French.	History.	French.	History.	Bible.	
SOPHOMORE	8 or 9	Latin.	Chemistry.	Latin.	Chemistry.	Latin.	Mech. Draw.
	10 or 11	German.	English.	English.	German.	English.	
	2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
JUNIOR.	8 or 9	English.	Surveying.	Psychology.	Psychology.	English.	German.
	10 or 11	1 <i>Math.</i> 2 <i>English.</i> 2 <i>Chemistry.</i> 3 <i>Biology.</i>	German.	1 <i>Chemistry.</i> 2 <i>Chemistry.</i> 3 <i>Biology.</i>	Surveying (y).	1 <i>Chemistry.</i> 2 <i>Chemistry.</i> 3 <i>Biology.</i>	
	1 to 3	Chemistry.	2 <i>Math.</i> 2 <i>English.</i> 2 <i>Chemistry.</i> 3 <i>Biology.</i>	Chemistry.	1 <i>Math.</i> 1 <i>English.</i> 2 <i>Chemistry.</i> 3 <i>Biology.</i>	Chemistry.	
SENIOR.	8 or 9	1 <i>Astronomy</i> 2 <i>Theism.</i> 3 <i>Theism.</i>	Pol. Science.	1 <i>Astronomy</i> 2 <i>Theism.</i> 3 <i>Theism.</i>	Pol. Science.	1 <i>Astronomy</i> 2 <i>Theism.</i> 3 <i>Theism.</i>	Pol. Science. <i>Chemistry</i> (y).
	10 or 11	1 <i>Physics.</i> 2 <i>Geology.</i> 3 <i>Geology.</i>	1 <i>Physics.</i> 2 <i>Evid. Christ.</i> 3 <i>Ethics.</i>	1 <i>Evid. Christ.</i> 2 <i>Ethics.</i> 3 <i>Ethics.</i>	1 <i>Evid. Christ.</i> 2 <i>Ethics.</i> 3 <i>Ethics.</i>	1 <i>Physics.</i> 2 <i>Geology.</i> 3 <i>Geology.</i>	<i>Biology.</i>
	2 3 1 to 3	Pol. Science. <i>Sanit. Science.</i> <i>Chemistry.</i>	Hebrew. <i>Biology.</i> <i>Mineralogy.</i>	German. <i>Chemistry.</i>	Hebrew. <i>Biology.</i> <i>Mineralogy.</i>	German. <i>Chemistry.</i>	

Astronomy, one hour a week Observatory (night) work.
Math. Problems, two periods a week at convenience.

Italics indicate Elective Studies.
 Nos. 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

DEPARTMENTS OF INSTRUCTION

PHILOSOPHY

President MCKNIGHT, Professors HIMES, HUBER, and KLINGER

1. *Psychology*. Mental phenomena are inductively treated, observed, classified and explained by being referred to their appropriate faculties and the conditions and laws of their production. Presentative and Representative knowledge, Thought and Intuition are successively considered and the processes by which the mind advances from a knowledge of individual objects to that of universals are traced. The fundamental relations and correlates involved in these processes are critically examined into, in connection with a discussion of the various theories of knowledge and tendencies of modern thought. Preparation is thus given for advanced courses in Psychology and Philosophy. A text-book is used with such comment and criticism as encourage accurate and independent thinking.

Junior required course. Two hours a week throughout the year.

President MCKNIGHT.

2. *Logic*. Jevons' Lessons in Logic. The analysis of arguments, their reduction to syllogistic form and the detection of common fallacies are the practical results aimed at in the study.

Junior required course. Two hours a week during the second term.

Professor HIMES.

3. *Ethics*. The study includes a critical examination of ethical theories relating to the Nature of Right, the Ground of Right, the Rule of Right, the Province of Right and Conscience. The student is conducted through an examination of Utilitarianism and other rejected theories to an immutable basis for right in the nature of God. The history of the different ethical theories is traced through succeeding schools from Socrates to the modern evolutionist.

Senior required course. Two hours a week during the latter half of the year.

President MCKNIGHT.

4. *Rational Theism*. Students are required to present from memory the chief points of the text-book, and these are further illustrated and impressed in conversation by additional points and

illustrations. By cumulative reviews they are enabled to offer orally a pretty complete system of Natural Theology.

Senior required course. Three hours a week, third term.

Professor KLINGER.

5. *Christian Evidence*. Fisher's Theistic and Christian Belief. While opposing theories are duly considered, the argument for Christianity from Miracles is accepted and defended. This argument is supported by others derived from various sources, such as the fulfillment of Prophecy, the adaptedness of Christianity to the needs of human nature, the superiority of Christian Doctrine, and the benevolent fruits of the religion of Christ.

Senior required course. Two hours a week, the first half of the year.

Professor HUBER.

MATHEMATICS AND ASTRONOMY

Professor NIXON

1. *Geometry*. Plane (books fourth and fifth), solid and spherical. (Wentworth).

Freshman required course. Four hours a week the first term and one-third of the second term.

2. *Algebra*. Series; undetermined coefficients; binominal theorem; logarithms; determinants; theory of equations. (Wells).

Freshman required course. Four hours a week during two-thirds of the second, and one-half of the third term.

3. *Trigonometry*. Trigonometric functions; right triangle; isosceles triangle; regular polygon; goniometry. (Wentworth.)

Freshman required course. Four hours a week, the last half of the third term.

4. *Trigonometry*. Oblique triangle; right spherical triangle; oblique spherical triangle; application of spherical trigonometry to the solution of astronomical and other problems. (Wentworth.)

Sophomore required course. Three hours a week, the last half of the third term.

5. *Plane Analytic Geometry*. Rectilinear, oblique and polar systems; relation between the rectilinear and polar systems; equations of the straight line; properties of rectilinear figures; circle; ellipse; hyperbola; parabola; tangents and normals; loci of the first and second order; higher plane loci; transcendental curves. (Hardy.)

Sophomore required course. Three hours a week during the second term and two-thirds of the third term.

6. *Surveying*. Practical use of instruments—compass, transit and level; plotting; computing areas; making profiles. (Wentworth.)

Sophomore required course. Three hours a week, the last third of the third term.

7. *Mechanical Drawing*. Geometrical construction; transcendental curves; section of the cone showing the ellipse, hyperbola and parabola; cylinders penetrating each other and the development of the same; isometric projections of solids; perspective.

Sophomore (Scientific) required course. One period a week during the year.

8. *Field Work in Surveying*. Use of the transit and level; rectangular surveying and use of transverse tables; triangulations; laying out curves; avoiding obstruction; leveling and setting grade stakes. (Carhart.)

Junior (Scientific) required course. Two hours a week during the first term and one-half of the third term.

9. *Mechanics* (Statics). Composition and resolution of forces; parallel forces; equilibrium of a rigid body acted on by three forces in a plane; center of gravity; machines; work. (Loney.)

Junior (Scientific) required course. Two hours a week during the second term and half of the third term.

10. *Differential Calculus*. Differentiating expansion of series; maxima and minima; indeterminate forms; tangents and normals; asymptotes and singular points; theory of envelopes; radius of curvature; evolutes and involutes. (Newcomb.)

Junior elective course. Three hours a week, the first term.

11. *Integral Calculus*. Integration; definite integrals; successive integration; rectification of curves; quadrature of plain figures; cubature of volumes. (Newcomb.)

Junior elective course. Two hours a week, third term.

12. *Calculus*. Special topics.

Junior elective course. Two hours a week, third term.

13. *Astronomy*. The subject as treated by Young; different authors reviewed by members of the class. The students of this course have access to the Observatory, which is equipped with a chronometer, sextant, transit and equatorial.

Senior required course. Three hours a week during the first and second terms.

14. *Practical Astronomy*. The instruments used, besides the timepieces, are the sextant, transit and equatorial. Determination of time, latitude and longitude; measurements of the diameters

of planets and the distances of their satellites: measurements of the heights of mountains on the moon; measurements of double stars; calculation of eclipses; calculation of sunrise and sunset.

Senior elective course. One hour a week during the year.

15. *Mathematics*. Analytical Geometry of three dimensions; differential equations; Mechanics.

Senior elective course. Two hours a week during the year.

GREEK

Professor KLINGER

1. *THE ORATORS*. *Antiphon*, *Lysias*, and *Isæus*. Representative selections are read and compared with distinct reference to the development of prose style. The abundant allusions in them to early Athenian life are made the basis for studies in Greek antiquities of the historic period. Blackboard drill in forms, the explanation of case, mood, and tense uses and the study of words are features of the recitation. Lectures on the conditions under which prose-writing originated and developed are given at stated periods. Prose composition, based on the text, twice each week.

Freshman (Classical) required course. Three hours a week, first and second terms.

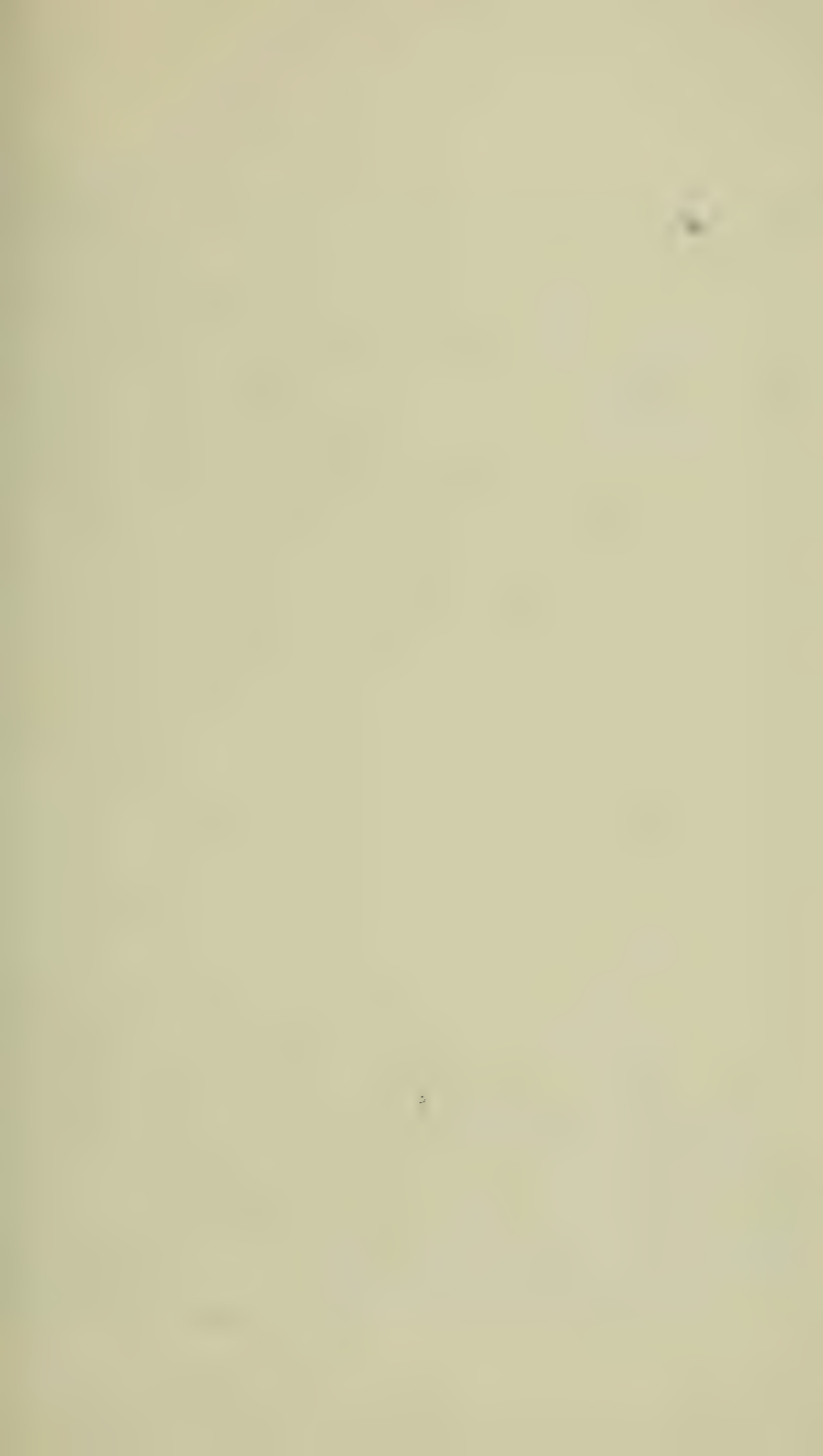
2. *THE HISTORIANS*. *Thucydides*. Selections from the Peloponnesian War. The study of the text continues the syntactical analysis, the drill in forms, and the study of words in accordance with the principles of word-formation. Special attention is given to the subject matter, and the stirring times preceding the overthrow of the Athenian supremacy are depicted. Prose composition as before.

Freshman (Classical) required course. Three hours a week, third term.

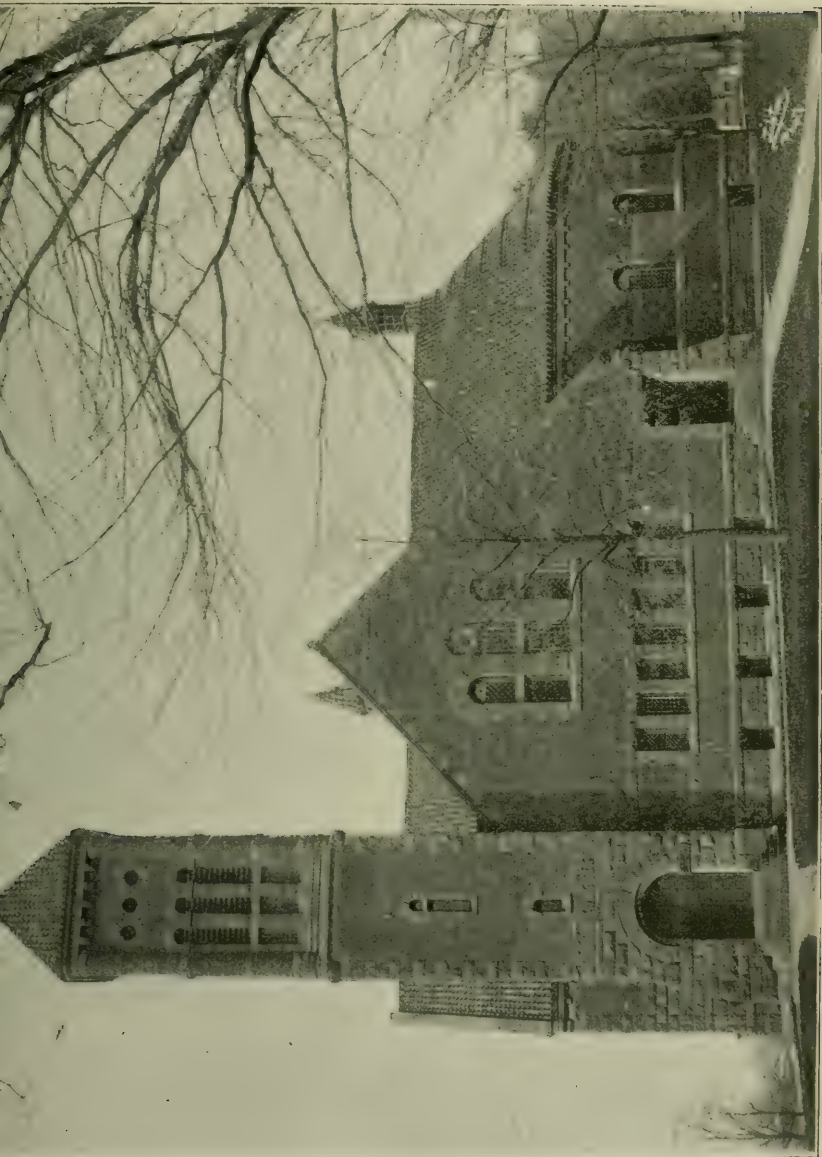
Herodotus. Portions of the Persian War are read rapidly with particular attention to the subject-matter. The importance of the period calls for a review of history, and readings are assigned in Grote and other historians to be reported on by the students. The course comprehends lectures on the Greek dialects and advanced studies in the history of case, mood and tense development. Prose composition as before.

Sophomore (Classical) required course. Three hours a week, first term.

3. *EPIC POETRY*. *Homer*. *The Iliad*. (Full text required.) The study of the text is preceded by a course of dictated lectures







BRUA CHAPEL

which aim at setting forth the Homeric question in its latest phase. The *Iliad* is then interpreted as a piece of literature in harmony with the conclusion of the latest Homeric scholars. Special study is made of the epithets, and by frequent word-reviews from the blackboard an attempt is made to fix the vocabulary. Each student is required with the aid of Gehring's Index to develop one or more subjects in Homeric antiquities.

Sophomore (Classical) required course. Three hours a week, second and third terms.

4. *THE ATTIC DRAMA.* *Æschylus* and *Sophocles*. The entire Junior year is devoted to the study of the Attic Drama. The course contemplates by means of lectures and assigned readings a complete survey of ancient Tragedy and Comedy in their origin and development, and their relation to the modern stage. Lectures on the Greek Theatre precede the study of the text.

Junior (Classical) required course. Two hours a week, two terms.

Euripides or *Aristophanes*. The students are permitted to choose between these authors.

Junior elective course. Two hours a week, third term.

5. *Demosthenes, De Corona*. The study includes the age. The decadence of the Hellenic spirit, as shown in civic life, literature, and art, is traced with the class. The course is intended to include, as far as possible, a survey of Greek civilization.

Senior elective course. Two hours a week during one term.

6. *Plato and Pre-Socratic Thought*. The Protagoras and the *Phædo* are the texts studied. The leading doctrines of Plato are analyzed and their relation to modern thought is pointed out. A parallel course of lectures in Pre-Socratic Thought, based on the fragments found in Ritter & Preller's *Historia*, is given.

Senior elective course. Two hours a week, during second term.

7. *The Lyric Poets*. Tyler's "Selections." The course comprehends, along with the interpretation of the poems, the origin and development of lyric poetry and its relation to Greek literature in general.

Senior elective course. Two hours a week, third term.

LATIN

Professor BIKLE

Allen and Greenough's Latin Grammar and Harper's Latin Dic-

tionary are recommended. The Roman method of pronunciation is used. Exercises in Prose Composition are required at intervals through the course.

1. *Livy*. Selections from Book I, and the Hannibalian War in Books XXI and XXII. Special attention is given to syntax and Livy's peculiarities of style. Roman History down to 200 B. C. is studied with care.

Freshman required course. Three times a week during the first term.

2. *Horace*. Odes, including a critical interpretation, and with special attention to Latin Prosody and the mythological and historical allusions of the text. Berens' Hand-book of Mythology is recommended.

Freshman required course. Three hours a week, second term.

3. *Cicero*. De Senectute, or De Amicitia. Drill in syntax, especially of the Latin subjunctive mode. Training, also, in reading Latin with expression.

Freshman required course. Three hours a week, third term.

4. *Tacitus*. Annals or Agricola. A study of the history of the times along with the reading of the text.

Sophomore required course. Three hours a week, first term.

5. *Horace*. Satires and Ars Poetica. After reading some selected satires, the Ars Poetica is read and each student is required to prepare in writing an analysis of the poem.

Sophomore required course. Three hours a week, second term.

6. *Cicero and Pliny*. Letters, with numerous exercises in sight reading.

Sophomore required course. Three hours a week, third term.

7. *Quintilian*. Tenth Book. With summary and classification of the Greek and Roman authors. Informal lectures on Roman Literature.

Junior (Classical) required course. Two hours a week, first term.

8. *Juvenal*. Satires. With full explanations, and study of the private and social life of the Romans, followed by a short course in Roman Antiquities.

Junior (Classical) course, required the second term, elective the third. Two hours a week, both terms.

9. *Terence or Plautus*. The Andria of Terence or Captivi of Plautus. The *Dramatis Personæ* are assigned to special mem-

bers of the class and the parts rendered both in Latin and in English.

Senior elective course. Two hours a week, third term.

10. *Roman History*. A course of lectures covering the period from 200 B. C. to 200 A. D.

Senior elective course. Two hours a week for eight weeks, second term.

ENGLISH

Professors HIMES, BIKLE and KLINGER

1. *Rhetoric*. Genung's Working Principles of Rhetoric. The rules of the text-book are impressed by requiring each student to furnish illustrations of them from his own reading in everyday literature. The inventive faculty is trained by the assignment of themes to be thought upon in the class-room. The results are then compared, discussed and arranged within the recitation hour. Descriptive, narrative, expository and argumentative themes are also assigned in turn for the weekly exercises in composition.

Sophomore required course. Three hours a week, first term.

2. *English and American Literature*. These subjects are given in outline with text-books mainly for reference.

Sophomore required course. Three hours a week, third term.

3. *Shakespeare*. Five or six plays are studied, the principal characters are analyzed and the most important and suggestive passages are read and interpreted before the class. The writing of dialogue is practiced.

4. *Milton*. Four or five books of the *Paradise Lost* are studied; the views of many commentators are examined and compared. Milton's conception of the material and spiritual universe is set forth and elucidated.

Junior required course. Two hours a week, third term.

5. *Anglo-Saxon*. The translation of easy prose is begun at the second or third recitation in this subject and sight reading is undertaken after four or five weeks. About five hundred lines of the poetry of Beowulf or Cædmon and other writings are read in the latter half of the term. Comparative Philology receives considerable attention in connection with this subject.

Junior elective course. Three hours a week, first term.

6. *Middle English*. Chaucer, or Old English Ballads. This study is intended to acquaint the student with the old forms of

English. Connected with the recitations are brief talks on the structure, classification and development of languages and especially on word building.

Junior elective course. Three hours a week for six weeks, second term.

7. *Tennyson or Browning*. A number of the more important poems are read, the plan and the development of the thought are traced, and obscure expressions interpreted.

Junior elective course. Three hours a week for six weeks, second term.

I-7 Professor HIMES.

8. *Essays*. Two essays each term are submitted for examination and criticism. Special care is taken to secure originality of work, as well as clearness of thought and grace of diction. In order to cultivate a ready faculty in composition, exercises in impromptu essay writing are practiced at stated times.

Required course for the three terms of Freshman year.

Professor KLINGER.

9. *Elocution*. Two declamations are required each term and are expected to exemplify the principles acquired in the hours devoted to technical study of elocution. These principles are inculcated by comment and criticism in connection with the speaking.

Required course. One hour a week during the whole of the Freshman year.

Professor BIKLE.

10. *Writing and Speaking*. The preparation of declamations, essays, orations and debates is continued from the beginning of the Sophomore onward to the end of the Senior year. Sometimes a subject is assigned to each member of a class with the requirement to present a discussion first in outline, then amplified. To secure greater carefulness on the part of the student, the written work is commonly read privately and criticised by the instructor.

Professor HIMES.

FRENCH AND GERMAN

Professor HEFELBOWER

FRENCH. Whitney's Brief French Grammar with Lessons and Exercises is used during the first term, and, in connection with Super's Preparatory French Reader, during the second term of Freshman year. The third term is devoted to reading and special drill in syntax.

Freshman required course. Two hours a week throughout the year.

GERMAN. 1. Whitney's Brief German Grammar is used during one and one-half terms of Sophomore, and is followed with reading and exercises in Guerber's *Märchen und Erzählungen*. During the third term some simple German text is read, such as Storm's *Immensee*, Heyse's *Das Maedschen von Treppi*, or Gers-taecker's *Irrfahrten*, and Thomas' Grammar is studied.

Sophomore required course. Two hours a week throughout the year.

2. During the Junior year a more difficult grade of German is read, such as Schiller's *Wilhelm Tell*, Baumbach's *Schwiegersohn* or Bernhardt's *Novelletten-Bibliothek*, and the advanced portions of Thomas' Grammar are studied. Harris' Prose Composition is used during the entire year, and this, with the texts read, forms the foundation for drill in syntax.

Junior required course. Two hours a week throughout the year.

3. Goethe's *Hermann und Dorothea* and Prehn's *Journalistic German* are read in the Senior year and Tennyson's *Dora* and Longfellow's *Evangeline* furnish materials for prose composition. Drill in syntax continues.

Senior required course. Two hours a week throughout the year.

During the Junior and Senior years opportunity is given students to acquire a conversational control of the German language by voluntary work in a *Deutsche Gesellschaft*, organized and controlled by the students, but conducted by the professor of German.

Heath's, Whitney's, Adler's and Fluegel's dictionaries are recommended; the last mentioned is the best.

HISTORY, POLITICAL SCIENCE AND LAW

Professors HIMES, BIKLE and HEFELBOWER

1. *European History*. Myers' *Mediaeval and Modern History*. Freshman required course. Two hours a week throughout the year. Professor HEFELBOWER.

2. *American Political History*. Johnston's *American Politics*, with references to Von Holst's *Constitutional History*, Schouler's *History of the United States (1783-1865)*, Blaine's *Twenty Years in Congress (1861-1881)*, McPherson's *Hand-book*.

Sophomore required course. Three hours a week, second term.

3. *Political Economy*. F. A. Walker's *Advanced Course*. The theories of the text-book are brought, as often as possible, to the test of the student's personal observation and the true nature of the science is thus impressed. Problems for investigation are as-

signed to the members of the class, with direction to inquire into actual industrial and social conditions and operations.

4. *Lectures on Money and Banking.* Theories of money and credit are examined in connection with a rapid survey of the monetary history of the United States. Particular attention is given to present conditions and tendencies.

Senior required course. Ten to twelve hours.

5. *International Law.* Lawrence's *International Law*. Occasional lectures on special topics, such as the prominent features in American diplomacy.

Senior required course. Three hours a week for the last twenty weeks of the year.

6. *Science of Government.* Bryce's *American Commonwealth* is used as a text-book. Free criticism of the author's views is encouraged; National and State constitutions are examined. The annual Presidential Message is studied and discussed.

Senior elective course. One hour a week, throughout the year.

2-6 Professor HIMES.

7. *Roman Law.* Morey's *Outlines*. After a careful study of the text-book, an essay is required from each member of the class on a subject assigned for special investigation.

Senior elective course. Two hours a week during the first term.

Professor BIKLE.

CHEMISTRY

Professor BREIDENBAUGH and Mr. STOVER

1. *Elementary Inorganic Chemistry.* Lectures, laboratory work, quizzes and examinations. The student is expected, in addition to the outline of work provided, to have some approved reference book on Chemistry. This course covers the general principles of Chemistry with a study of the elements and their compounds. As far as time permits, attention is given to elementary Qualitative Analysis.

Junior (Classical) required course. Three periods a week throughout the year.

2. *Elementary Inorganic Chemistry.* Lectures, laboratory work and quizzes based on Remsen's *Chemistry*.

Freshman (Scientific) required course. Three periods a week throughout the year.

3. *Qualitative Analysis.* Lectures and quizzes on reactions and methods accompany the laboratory work.

Required (Scientific) course. Two periods a week throughout the Sophomore and five periods the first term of Junior.

4. *Quantitative Analysis*. The first term is occupied with determinations of definite compounds, the second with mineral analysis.

Junior (Scientific) required course. Five periods a week during the second and third terms.

5. *Organic Chemistry*. Lectures, text-book work and quizzes illustrated in the laboratory.

Junior (Scientific) elective course. Three periods a week during the first and second terms. Also open as an elective to Seniors in the Classical course.

6. *Qualitative Analysis*. Similar to course 3.

Senior (Classical) elective course. Two to four periods a week throughout the year.

7. *Special Analytical Methods*. Water, milk, sugar, etc.

Senior (Scientific) elective course. Two to four periods a week throughout the year.

GEOLOGY AND MINERALOGY

Professor BREIDENBAUGH

1. *Geology*. Lectures, with reading references, principally to the works of Dana and LeConte, accompanied by quizzes and topical examinations. Each student is required to write at least one paper illustrating, from his own observations, the principles of inorganic Geology.

Senior required course. Three hours a week during the second and third terms.

2. *Mineralogy*. The crystal form and physical properties of minerals are studied by means of the mineralogical collection. Afterwards each student is required to determine at least twenty-five minerals by their blowpipe characteristics. This is followed by a brief course in Lithology and topographical Geology.

Senior elective course. Two periods a week throughout the year.

Physics. The principal facts in the various topics are discussed by lectures and reading references, with quizzes, examinations and the preparation of papers in which the student illustrates from familiar examples the subjects presented in the class room.

Required course. Three hours a week during the third term of Junior and the first term of Senior.

Botany. Class and field work in Systematic Botany. Each student is required to determine and mount specimens of at least fifty species of Phaenogams.

Sophomore required course. One period a week during the second half of the year.

BIOLOGY

Professor STAHLEY

This course extends as an elective through the Junior and Senior years. It is offered either to the classical, scientific or special course students. It aims to teach fundamental principles in the various branches which it includes.

The course is calculated to interest and profit any student of nature, whatever his future calling is expected to be. Those of our graduates, who during their course, have taken the biological studies here indicated, along with chemistry and physics, are admitted to the second year class of some of our best medical schools.

The course of either of the two years is sufficiently complete to make it profitable for the student to take up the work of any one year to the exclusion of the other, if limitations in time or means compel such an abbreviation. If other electives appeal stronger to him during his Junior year, it will not be too late, as a Senior, then to pursue either the first or second year's biological branches.

The work is carried on by lectures, demonstrations, quizzes, dissections, drawings, note taking on work done and stated written examinations. There is a well-lighted laboratory, provided with all needed instruments and apparatus, such as microscopes, microtomes, paraffine bath, incubator, etc. The branches are pursued in the following order :

JUNIOR YEAR

1. *General Biology.* Three periods a week for ten weeks. This branch acquaints the student with microscopic technique and general laboratory methods, whilst he studies selected types of plants and animals taken from the lower forms of life, as these are best adapted to demonstrate essential characteristics. The purpose is to ascertain fundamental facts of structure and life processes, with the significant relationships in the two great kingdoms of organic nature.

2. *Zoology.* Three periods a week for ten weeks.

This continues the study of animal life and traces the forms in

the order of their increasing complexity. A number of morphological types are dissected, thus affording an acquaintance with all the great phyla of animals, in both the vertebrate and the invertebrate series. The principles of comparative morphology and physiology are particularly emphasized and relationships are traced.

3. *Mammalian Anatomy*. Three periods a week for six weeks, followed by two periods a week for eleven weeks.

Here the mammalian type of animals is considered. The domestic Cat as a convenient example of a high-type mammal offers advantages for the detailed study of bones, muscles, blood vessels, brain and nerves.

SENIOR YEAR

4. *Human Anatomy and Physiology*. Three periods a week for twenty weeks.

Special attention is given to osteology, joints, ligaments and muscles. The separate parts of the skeleton, including a disarticulated cranium, Tramond's preparations, consisting of real bony joints, with accurately placed artificial ligaments, and Azou's dissectable manikin, provide ample facilities for this part of the work. In this, as in the other animal branches of the course, physiological processes are constantly discussed.

5. *Mammalian Histology*. Three periods a week for nine weeks.

With the aid of prepared microscopic slides, the student draws and studies the minute anatomy of the different tissues of the body, with their relationships in the different organs. Further than this he learns practically how to fix, harden, imbed, section, stain and mount the important tissues. A knowledge of practical methods in histological work is thus acquired.

6. *Embryology*. Three periods a week for eight weeks.

The principles of maturation and fertilization of the germ elements are considered. The stages of segmentation are observed in the ova of the Frog and Fish. The development of the Chick is studied. Entire mounts are made, as well as mounts of serial sections of the incubating egg, from the first hour of incubation to the fifth day, when the organs are practically all formed. This branch constitutes a fitting close to the course, as it exhibits the steps in the development of the individual animal, and also epitomizes the history of the animal kingdom in general.

PHYSICAL CULTURE AND HYGIENE

Professor STAHLEY

1. *Sanitary Science.* Lectures. House, municipal, state and national sanitation in their varied and rapidly developing new features are dwelt upon with the idea of furnishing a comprehensive yet intelligent outline of the subject.

Senior elective course. One hour a week throughout the year.

2. *Physical Culture.* This end is sought under medical guidance in the Gymnasium during the college year from November 1 to May 1. A physical examination of each student is made when he enters college and such kinds of gymnastic exercises are prescribed as seem indicated. The purpose is to encourage the promotion of health and physical vigor as necessary for successful mental application. Since much harm is often done by injudicious physical exercise, special effort is made to advise those who are suffering from defective bodily conditions how they may be helped by hygienic methods and the selection of forms of exercise particularly suited to their case.

BIBLICAL DEPARTMENT

Professor HUBER

1. *Old Testament History.* The books of Exodus, Numbers and Joshua furnish the material to be mastered, which is the story of Israel from the departure out of Egypt through the wanderings in the wilderness, to the entrance into Canaan and the conquest of its inhabitants. In connection with the Scripture text a manual of biblical geography and history is used.

Freshman required course. One hour a week throughout the year.

2. *Old Testament History.* Jewish history from the establishment of the Monarchy to the Division of the Kingdom. The biblical material is found in Samuel and Kings; the geographical and historical manual is continued.

Sophomore required course. One hour a week throughout the year.

3. *Biblical Study.* (a) Any part of the Old Testament the class may prefer. (b) The Gospel of Luke in Greek.

Junior elective course. Four hours a week during the third term.

4. *New Testament Study.* The privilege of selecting the books to be studied is accorded to the class. The Gospel of Lnke has been chosen this year.

Senior elective course. One hour weekly throughout the year.

5. *Hebrew.* Harper's "Method and Manual" and "Elements of Hebrew." The method adopted in these books is the Inductive and has been found well suited to its purpose.

Senior elective course. Two hours a week throughout the year.

GENERAL COLLEGE ORDERS

EXAMINATIONS

Examinations are held at the close of each term, or when a subject is finished. When a student is unavoidably absent from this examination, and his absence is excused by the Faculty, he is examined, at the discretion of the Faculty, either before leaving, or at the opening of the following term before entering his name on the roll of his class.

If a student be absent for some time from the Institution, he must, on re-entering, sustain an examination upon the studies to which his class has attended during his absence.

RECORDS

A careful record of the attendance, scholarship and conduct of each student is kept; a general statement of which record is transmitted to parents or guardians at the close of each term.

DEGREES

To members of the graduating class in full and regular standing diplomas are granted, conferring in the Classical Course the degree of *Bachelor of Arts*, and in the Scientific Course the degree of *Bachelor of Science*.

The degree of *Master of Arts* and *Master of Science*, according to the previously received Bachelor degree, is conferred, in course, on Bachelors of three or more years' standing, provided all applicants for this degree make application therefor to the Faculty, in writing, at least one week before the annual Commencement.

TERMS AND VACATIONS

The annual Commencement is held this year on the third Wednesday of June. Regularly the first term begins on the second, this year on the third Thursday of September, and continues fourteen weeks; the second term begins two weeks after the close of the first term, and continues twelve weeks; the third term begins one week after the close of the second, and continues eleven weeks, until the day of the annual Commencement. The intervening periods of approximately two, one and thirteen weeks are devoted to the vacations.

It is highly important for students to be punctual in entering upon their duties at the beginning of the term.

Unexcused absences from recitations are counted as zeros upon the grades.

The attention of parents and guardians is especially called to the fact that absences from recitations, whether at the opening of terms, or at other times, are not excused except for sickness or imperative necessity.

EXPENSES

The necessary expenses of the collegiate year, exclusive of books, clothing, furniture and traveling expenses, are as follows for each student :

	MINIMUM	MEDIUM	MAXIMUM
Board for 37 weeks,	\$70 00	\$90 00	\$111 00
First term, { Tuition, \$12 00 {	20 00	20 00	20 00
{ Gen. Exp. 8 00 {			
Second term, { Tuition, \$9 00 {	15 00	15 00	15 00
{ Gen. Exp. 6 00 {			
Third term, { Tuition, \$9 00 {	15 00	15 00	15 00
{ Gen. Exp. 6 00 {			
Room rent and heat (half room),	12 50	40 00	62 50
Gymnasium Fee,	6 00	6 00	6 00
Washing,	12 00	12 00	12 00
	<hr/> \$150 00	<hr/> \$198 00	<hr/> \$241 50

Board may be secured at prices varying from \$7.50 to \$10.00 a month in clubs; and from \$10.00 to \$12.00 in boarding houses. The average price paid in recent years has been about \$10.00.

A fee of \$1.50 a term for contingent expenses is charged to students not rooming in college buildings.

All members of the Senior class, upon their entrance on the last session of their course of study, pay to the Treasurer, with their college bills, an extra fee of \$5, which is refunded in case of failure to graduate.

CHEMICAL LABORATORY CHARGES

Students in the Scientific Course are charged a term fee of \$5 00 for the use of chemicals and general apparatus. Glassware and other apparatus of individual use are supplied at cost prices, each person being charged with each article received and credited with the same on its return in good condition. The expense for this item in the first outfit has been about \$7.00, after which, with proper care, it need not exceed \$1.50 a term. Students in general chemistry pay, for the course, a desk fee of \$10.00 for the use of chemicals and apparatus, and the cost price for all articles broken; this need not exceed \$1.00 a term. The fee for supplies in elective Mineralogy is \$2.25.

A fee of \$4.00 a term is charged in the biological department for the use of material and apparatus.

Parents or guardians may intrust funds for students to any member of the Faculty, and the funds will be applied as may be required.

Tuition and other college dues for each term must, in all cases, be paid in advance. No student will be allowed to recite with his class until he has shown the Professor a receipt from the College Treasurer, or a note stating that

he has made some satisfactory arrangement with the Treasurer.

ROOMS AND HEATING

Students are required to lodge in the college dormitories, special cases excepted.

Unless all the available rooms of the college are occupied, there is no remission of the charge for room rent, except to students whose parents reside in town.

Rooms becoming vacant can be assigned at any time, preference being given according to class, to be occupied after the removal of the former occupant; and, if the person to whom the rooms are assigned should so desire, the furniture in them shall be removed.

The charges for room rent and steam heat for the several rooms, given below, are for full use of the room; if two students occupy a room they divide the expense. The annual charge is given first, and in parentheses the division of this charge between the first, second and third terms of the collegiate year. E=East Division, M=Middle Division, and W=West Division, S=South College.

At \$25.00 (8.50, 10.75, 5.75): 4, 6, 8 E; 1 M, 4, 6 W.

At \$28.00 (9.50, 11.75, 6.75): 5, 7, 9 E; 5, 7 W.

At \$33.50 (11.00, 13.75, 8.75): 14, 15, 16, 17, 18, 19, 24, 25, 26, 27, 28, 29, 34, 35, 36, 37, 38, 39, E; 6, 11, 16, 19, 21, M; 12, 13, 14, 15, 20, 21, 22, 23, 28, 29, 30, 31, W.

At \$38.00 (13.00, 15.25, 9.75): 1, 3, E; 2, M; 1, 3, W.

At \$40.00 (14.00, 16.00, 10.00): 22, 23, 24, 25, 30, 31, 32, 33, S.

At \$42.50 (14.50, 16.75, 11.25): 10, 11, 12, 13, 20, 21, 22, 23, 30, 31, 32, 33, E; 3, 4, 5, M; 8, 9, 10, 11, 16, 17, 18, 19, 24, 25, 26, 27, W.

At \$44.75 (15.50, 18.00, 11.25): 9, 17, 22, M.

At \$45.00 (15.00, 18.00, 12.00): 26, 27, 28, 29, S.

At \$50.00 (17.00, 20.00, 13.00): 20, 21, 34, 35, S.

At \$53.00 (19.00, 20.75, 13.25): 8, 10, 12, 14, 18, 20, M.

At \$75.00 (26.00, 29.00, 20.00): 1, 2, 3, 4, 5, 6, 7, 8, S.

At \$90.00 (32.00, 36.00, 22.00): 10 and 12, 11 and 13, 15 and 17, 16 and 18, S—suites of two.

At \$125.00 (43.00, 50.00, 32.00): 9, 19, S—suites of three.

Rooms 3, 4, 5, 8, 10, 12, 14, 18 and 20, M, include a large study and a good sized bed room. Even numbers, except 22, are on the north side of the building.

GRADUATE COURSES

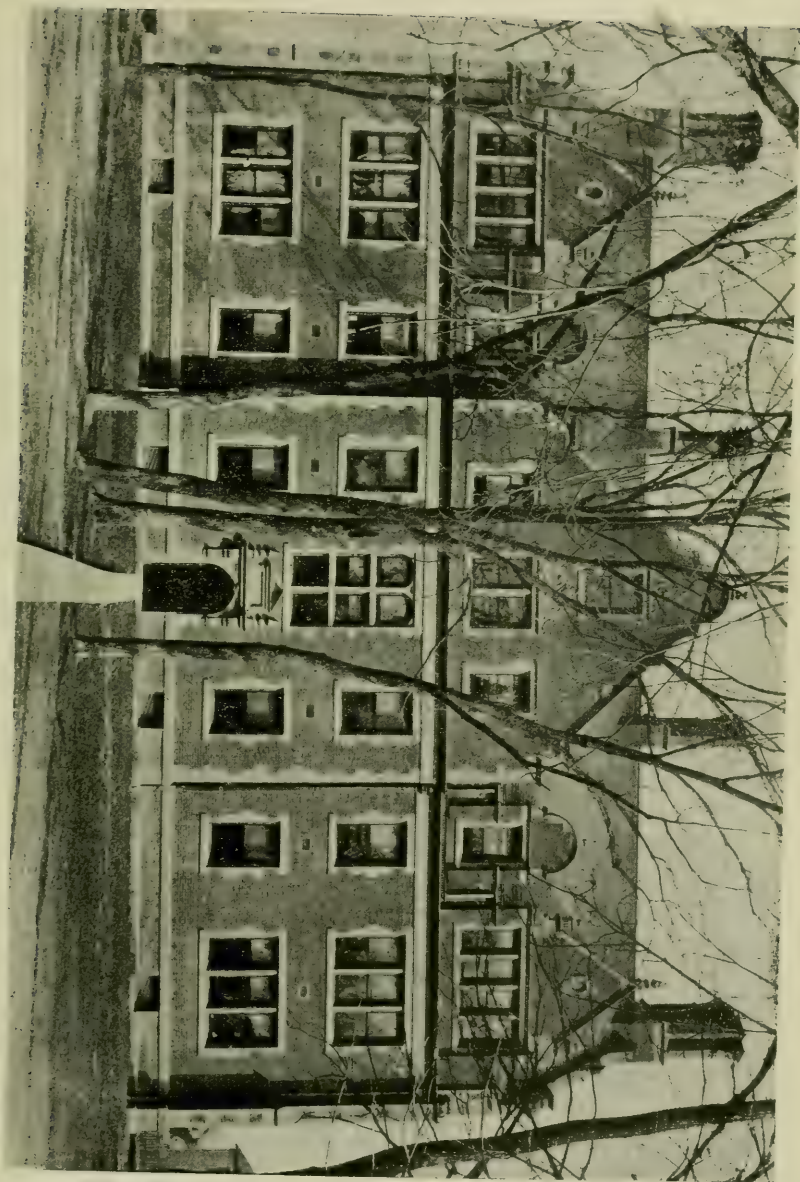
Provision is made for those who desire to pursue a graduate course of study leading to the degree of *Doctor of Philosophy*, on the following conditions:

1. Only those who have received Bachelor degrees equivalent to those given in this College, are eligible candidates.

2. The studies must be pursued under the direction of the Faculty. At least one year's residence in the case of graduates of this Institution and two years' residence in the case of graduates from other institutions will be required. Residence during which professional studies are also being pursued will not be accepted.

3. In the case of non-residents, reports of progress must be made to the Professors in charge of the department in which studies are being pursued, and examinations will be made in such manner and as frequently as the Professors may direct.

SOUTH COLLEGE



4. Not less than three years' work will be required.
5. At the close of the course a satisfactory thesis showing evidence of original investigation must be submitted.
6. The following subjects are open for selection, Each applicant must select one as a major subject and two as minor subjects. Those marked (*min.*) can be chosen only as minor subjects :

Psychology; Moral Science; Natural Theology (*min.*); Evidences of Christianity (*min.*); Greek; Latin; German; French; English Literature; History; Political and Social Science; Mathematics; Chemistry; Mineralogy (*min.*); Geology; Botany; (*min.*); Physics and Astronomy.

7. A registration fee of \$25 is charged at the beginning and an examination fee of \$50 at the end of the course.

8. Failure to report progress for examination during as long a period as two years will cause the name of the candidate to be dropped from the printed list.

EQUIPMENT

MUSEUM

The museum contains varied collections of fauna and flora and minerals, all of which are freely used in instruction. The Mineralogical Cabinet contains over 6,000 specimens, including not only very full suites of the more common and more important minerals but also good specimens of many of the rarer minerals. The collection in Lithology numbering 3,000 specimens and of iron in Metallurgy have, by recent additions, become fairly representative in the most important departments of these sciences. The Botanical Collection of 6,000 specimens, mainly presented by Miss Elizabeth C. Morris, of Germantown, Pa., is well arranged and contains a full representation of American Flora. A beginning has been made of a Chemical Museum—to contain specimens of raw and manufactured materials in chemical industries. Friends of our Institution can greatly aid us by additions to these collections.

LITERARY SOCIETIES

Two literary societies are connected with the College, the Phrenakosmian and the Philomathæan. These exert a favorable influence in the intellectual and social culture of their members. The exercises consist of music, essays, orations and debates. The practical acquaintance with parliamentary law here formed makes these societies the best schools for free citizenship. The halls occupy two wings on the third story of the Recitation Hall, and are conveniently and handsomely furnished. Their sessions are held every Friday evening.

A reading room, managed by these societies and the Y. M. C. A., contains a great variety of periodical literature.

LIBRARIES

The College Library, to which all students have access without charge, contains many works of reference. During term time the Library is open for consultation and the drawing of books four hours each week day, except on Saturday when it is open for two hours.

The income of a fund invested for the purpose provides for frequent additions of the best publications.

The Libraries of the Literary Societies comprise a large number of well selected and standard volumes, which are annually increased through the income of separate funds.

These libraries are accessible to the members of the societies under their respective regulations, and are open for the issue of books on Wednesday at 4 P. M. and Saturday at 10 A. M. during term time. They are in the same hall with the College Library. In addition to several thousand partly classified but unbound pamphlets

The College Library contains	14,105	volumes
The Philomathæan Library contains	6,473	"
The Phrenakosmian Library contains	5,624	"
Total,	26,202	"

SCHOLARSHIPS

A number of permanent scholarships, securing free tuition, have been endowed and are under the control of synods, congregations, or individuals. C. W. Thompson, Esq., of Lancaster, has established a scholarship for the

purpose of giving the benefit of a college education to the most successful and indigent pupil who shall pass through the prescribed course in the High School of Gettysburg.

PRIZES

MUHLENBERG FRESHMAN PRIZE.—The interest of a fund of five hundred dollars, contributed by Prof. F. A. Muhlenberg, D.D., LL.D., is given at the close of the year to that member of the Freshman class who, upon examination, is found to have attained the highest degree of scholarship in the studies of the Classical course.

BAUM MATHEMATICAL PRIZE.—Charles Baum, M.D., Ph D., of Philadelphia, has contributed five hundred dollars, the income from which is to be given annually to that member of the Sophomore class who shows the greatest proficiency in Mathematics.

HASSLER LATIN PRIZE.—Mr. Charles W. Hassler has furnished a fund, the interest of which is annually expended for the purchase of a Gold Medal, to be presented to the student of the Junior class, who, at the end of the year, shall be the best Latin scholar.

REDDIG ORATORICAL PRIZE.—Mr. Clarence Jacob Reddig, of Shippensburg, contributes annually the sum of twenty-five dollars as an Oratorical Prize, to be contended for in public by the Junior class, on Tuesday of Commencement week.

GRAEFF PRIZE.—This prize was founded by Mr. John E. Graeff, of Philadelphia. The sum of \$30 is awarded for the best English essay from the Senior class, on a subject previously assigned. The decision is made by a

committee appointed by the Professor of English Literature.

GIES PRIZES IN DEBATE.—William J. Gies, Ph.D., professor in Columbia University, offers through the Pen and Sword Society three prizes of \$36, \$24, and \$15, respectively, for the encouragement of skill in Debating. The first contest takes place about the middle of November between teams chosen by the Freshman and Sophomore classes, respectively, and the winning team is rewarded with \$15. The second contest, between the winning team and a team from the Junior class, takes place about the middle of March, with \$24 to the winners. The third contest, between the second victors and a team from the Senior class takes place about the middle of May, with a reward of \$36 to the winners. Winners of the first prize are excluded from further competition.

PEN AND SWORD SOCIETY PRIZE.—A prize of \$25 is offered for the year 1904-05 by the Pen and Sword Society, to be awarded for the highest excellence in essay writing. A list of subjects is assigned for each of the classes, and one essay is required from each competitor. Senior essays are due on October 15; Junior, on November 15; Sophomore, on January 15; Freshman, February 15.

Students in special courses are not admitted to competition for any of the foregoing prizes.

BUILDINGS

PENNSYLVANIA HALL, erected in 1836-38, was remodeled and improved in 1889. It contains eighty six rooms for students, many of them *en suite*, so that those who

may wish to do so can have separate study and sleeping rooms. In this building are the reading rooms of the Literary Societies and the large room used by the College Y.M.C.A. These rooms are heated by steam, and water pipes connected with the town system of water works are on the first floor.

SOUTH COLLEGE, erected in 1897, is a building of three stories containing rooms for about fifty students. It is finished entirely in hard wood, is heated with steam, has hot and cold water on each floor and lavatories in convenient places. The first floor has eight rooms, each with open fire places, tile hearth and spacious closets. These rooms may be used by one or two occupants, as preferred. On the second floor all rooms are *en suite*, each suite consisting of a study with one bedroom or two. These are also provided with hearths, closets, etc. The third floor is divided into sixteen single rooms.

THE RECITATION HALL, erected in 1888-89, is used for general college purposes. On the first floor are the library room and office, the President's office, the reception room, and recitation rooms. The second floor has recitation rooms. The third floor has in the front centre a large museum room with valuable collections. In the rear centre are a mineralogical laboratory and suite of rooms fitted up for use as an infirmary, if they should be needed. In the north wing is the hall of the Philomathæan Society, in the south wing the hall of the Phrenokosmian Society. In the basement are rooms designed for a physical laboratory.

THE BRUA MEMORIAL CHAPEL, erected in 1889-90, is the gift of the late Col. John P. Brua, U. S. A., as a me-

morial to his parents. This building is used for morning prayers, for Commencement exercises, lectures and other occasions requiring a large audience room.

THE CHEMICAL LABORATORY is a frame building, erected in 1872 and in 1890 converted to its present use. It contains on one floor a large lecture room, an office, store rooms, chemical room, balance room, and two laboratories—one for general chemistry, with desk room for forty-eight students, the other for analytical chemistry, with desk room for forty-eight students. The building is fitted with the most approved appliances; gas and water at each desk; there are ample hoods, a water distilling apparatus and large sand bath, and other necessary apparatus. The balance room contains balances set on walls especially built for them. In the basement are an assay room and a store room.

THE ASTRONOMICAL OBSERVATORY, erected in 1875, is furnished with an achromatic telescope, having an object glass of six and one-half inches, with a transit instrument, chronometer, and other appliances.

THE GYMNASIUM has on the first floor ample dressing rooms and bathing facilities, and a base ball cage. On the second, or main floor, a class of sixty members can be accommodated for gymnastic drill. The selection of specialized apparatus in light and heavy gymnastics is varied and complete. The Professor's office, where all the physical tests and measurements are taken, is also on this floor, and is furnished with a full set of anthropometric apparatus.

On the gallery there is a first-class "Roberts' patent" running track with seating accommodation for visitors.

The gymnasium is open at stated times every afternoon and evening and Saturday all day, aggregating twenty-four hours each week, apportioned between regular class practice and general practice.

Athletic sports are encouraged, but under such regulations as, it is believed, prevent them from becoming a source of demoralization to the students, or interfering with the legitimate work of the Institution. A student who has not first secured the permission of his parents is not allowed to engage in any public contest.

ATHLETIC FIELD. Immediately north of the college buildings is the athletic field, which is carefully graded and securely inclosed, and covers an area of over four acres. It affords room and facilities for all kinds of outdoor sports.

THE BOILER HOUSE supplies the steam required for heating all the college buildings, and has capacity for more.

Besides these buildings there are on the campus the President's house, a double house for Professors, and four halls erected by Greek Letter Societies.

A fair valuation of the several buildings is :

Pennsylvania Hall,	\$38,000
South College,	20,000
Gymnasium,	14,000
Stevens Hall,	20,000
Chemical Laboratory,	10,000
Observatory,	3,500
Recitation Hall,	86,000
Brua Chapel,	19,000
Other buildings, not including fraternity halls,	14,000
Steam and water plants,	25,000
	<hr/>
	\$249,500

In addition, the libraries, scientific apparatus, scientific collections and furniture are worth at least \$75,000. These estimates do not include the value of the improved campus.

NEEDS OF THE COLLEGE

The friends of the College may desire information as to its most pressing needs. Provision should be made for additional teaching force and apparatus in the following departments :

The Department of Physics.

The Department of Biology.

The Department of Applied Mathematics.

The Department of Philosophy and History.

The Department of Rhetoric and Elocution.

The Library Fund and the General Endowment Fund should be increased.

GENERAL ALUMNI ASSOCIATION

The Alumni Association of Pennsylvania College holds its regular annual meeting on Tuesday evening of Commencement Week. In 1876 the Board of Trustees granted the Association the privilege of nominating six of their number to membership in the Board, to fill alternate vacancies till the whole number is secured.

The officers of the association are : President, Hon. Harry M. Clabaugh, class of '77 ; Vice Presidents, Rev. George C. Henry, '76 ; Frank G. Turner, Esq., '93 ; Jacob J. Weaver, M.D., '67 ; Secretary, Rev. M. Coover, class of '87 ; Treasurer, Mr. H. C. Picking, class of '79.

COLLEGE PERIODICALS

The *College Mercury*, published monthly in term time

under the control of the Literary Societies, is a literary journal sustained by the contributions of students and alumni. *The Gettysburgian*, under private control of students, is published weekly and makes a specialty of college and town news. *The Spectrum*, an annual publication of the Junior class, contains pictorial representations of the College with its various organizations and surroundings as well as useful statistics about students and alumni. All aim at enlarging the means of communication between the College and its graduates, former students and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the Institution.

CONTINGENT FUND


Under the recommendations of the various Synods, the congregations on the territory of Pennsylvania College several years ago began a plan of taking up, on the Day of Prayer for Colleges, a special collection for the contingent expenses of the College. The money thus collected has been spent largely in improving the campus.

The attention of School-boards and others desiring teachers is called to the fact that it is frequently in the power of the Faculty to recommend suitable persons. Many graduates fill successfully important positions in public and private institutions.

FORM OF BEQUEST

I give, bequeath and devise to "The Trustees of Pennsylvania College, of Gettysburg, in the County of Adams," in

the State of Pennsylvania, and their successors and assigns forever, the sum of —— (or shares in the bank of ——, or any other personal property or real estate, as the case may be), to be applied to the Endowment Fund of the Institution.

 *A bequest to a benevolent corporation, to be legal, must be made at least 30 days before the death of the Testator, in Pennsylvania, and 60 days in New York.*

PREPARATORY DEPARTMENT

AIM OF THE DEPARTMENT

Stevens Hall is located within two minutes walk from Pennsylvania College. The object of its foundation, which the school has steadily kept in view, was to present to the public AN ACADEMY UNDER THE CONTROL OF COLLEGE AUTHORITIES. The advantages of such a combination are obvious. To students who desire to prepare for college it offers a course of preparatory instruction under the eyes of their future Professors and in the line of the college requirements. The school, being open at all times to visits from instructors in the College, and receiving from time to time their counsel, is able to give to those students who desire it just that preparatory study and drill which will lead to the most profitable and creditable work in the college classes. Time is concentrated upon the studies in which it is needed, and STUDENTS WHO HAVE SATISFIED THE REQUIREMENTS IN THE PREPARATORY DEPARTMENT ARE ADMITTED TO THE FRESHMAN CLASS OF THE COLLEGE UPON THE PRINCIPAL'S RECOMMENDATION WITHOUT FURTHER EXAMINATION. On the other hand, students who do not expect to enter College, and who desire only an English education, preparatory to business, teaching, etc., may find in this school an academy of high grade under the supervision of college Professors, in a college atmosphere, and with free access to the college libraries. Near association with a college is a stimulus to study, and often awakens a desire for a higher education.

GOVERNMENT

The Preparatory Department, though under the control of the College authorities, has a separate building of its own, and is under the special direction of a Principal who gives to it his whole time in the work of instruction and supervision. He is aided by three assistants.

The school seeks to develop intelligent Christian gentlemen. The discipline aims at making the pupil SELF-GOVERNING, and at leading him to habits of self respect and self control by training the judgment, quickening the conscience, and cultivating a delicate sense of honor.

When it is evident that a pupil has no proper appreciation of his opportunities, and is harming the school rather than receiving benefit from it, his parents are asked to remove him.

During study hours students are expected to be in their rooms, which are subject to frequent visits by instructors.

ADMISSION

Students are admitted at any time to the grade for which they have been qualified by previous study. But it is highly important that the student enter the school as early in the course as possible. With the present high requirements for admission, a hurried preparation is generally unwise and tends to embarrass the student's future progress, especially in Latin and Greek. Accurate, technical scholarship, at which the school aims, can hardly be secured without long drill, especially in the languages. Without intending at all to discourage those whose circumstances, rather than their desire, lead them to attempt short preparation, all who can are urged TO LAY THE

FOUNDATION CAREFULLY. An additional year of time at the beginning is always a gain in the ease and success with which future work is done. The fact, however, is recognized that students differ widely in ability and industry, and every opportunity is afforded those who can do so to cover the required work in a shorter time.

No examinations are required for admission, the pupil being at once assigned to the class for which his previous studies seem to have fitted him. If, upon trial, it be found that a mistake has been made, the Principal reserves the right to transfer the student to the proper grade.

Students who have advanced sufficiently in Mathematics and the English branches to enter the Freshman class, but have not studied Latin or Greek, will here find special arrangements made for their rapid advancement. Girls will be received as day scholars. A study hall has been reserved for their exclusive use and they are not obliged to mingle with the general class except at regular recitation periods. When at school they are under the care of a lady superintendent. Refined homes for them can be secured in town at moderate rates. They will be under the care of the Principal, who will be fully informed of their conduct.

RELIGIOUS EXERCISES

On Sunday morning the students of the Preparatory Department are required to attend worship with the college instructors and students in the College Church, or in such other place of worship as their parents or guardians may designate. A Bible class is conducted by the Principal every Sunday morning and is a part of the regular

course of study. Chapel service is held every morning except Saturday.

COURSE OF STUDY

The course of study is designed to prepare students of either sex, who desire to enter college, for the Freshman class, and to give students who do not expect to enter college, so far as it can carry them, a wide intelligence, true culture, and habits of careful and sound thinking. New and important subjects have been added, and increased attention is given to the lower classes. All students of the school have free access to the College Library, and students over fifteen years of age may join either of the College Literary Societies. There is also a Literary Society conducted by the students of the Department.

There is no musical course in the school, but arrangements for instruction at moderate terms may be made in the town without conflict with school work.

A report of the work and conduct of each student is sent home at the end of each term, and at any other time upon request or when the Principal thinks it desirable.

There are two courses, the Classical (with Greek), and the Scientific or Academic (without Greek). The subjects taught are as follows:

LATIN

Junior Class. Instructions in the essentials of the language. Translations of short stories, fables, dialogues. The writing in Latin of simple sentences. Drill on vocabulary.

Middle Class. Review of Latin in Comstock's Lessons. Viri Illustres Romae, with continuous drill in the grammar; analysis of words and sentences; prose composition based on the text.

Sub-Freshman Class. Cicero's Orations, first three against Cati-

line, with sight translations of advance passages ; drill in syntax ; prose composition based on Cicero. Vergil's *Æneid*, I-III, with study of Latin Prosody ; Mythology.

GREEK

Middle Class. White's First Greek Book ; complete survey of the language with syntactical analysis of the first eight chapters of Xenophon's *Anabasis* ; study of word-formation, rules of syntax, historical allusions ; special drill on vocabulary.

Students in the Scientific course take Physics and Physiology instead of Greek.

Sub-Freshman Class. Xenophon's *Anabasis*, I-III, with continuous drill in grammar and Attic forms. Translation at sight of book V, with special study of moods and tenses.

Students in the Scientific course will take Physical Geography and History instead of Greek.

Students who are prepared for college in all the other entrance requirements will be allowed to concentrate upon Latin, Greek and Mathematics, and a special class will be organized for their benefit.

MATHEMATICS

Junior Class. Arithmetic to percentage ; analysis of numbers ; notation ; special drill in Fractions, including Decimals.

Middle Class. Arithmetic completed, with the Metric system ; Commercial Arithmetic. Wells' Academic Algebra through Fractions.

Sub-Freshman Class. Algebra completed with special drill in the Equation. Drill in Geometrical Figures with Kitchener's Note Book as a guide. Wentworth's Geometry, I-III ; solution of original problems.

HISTORY

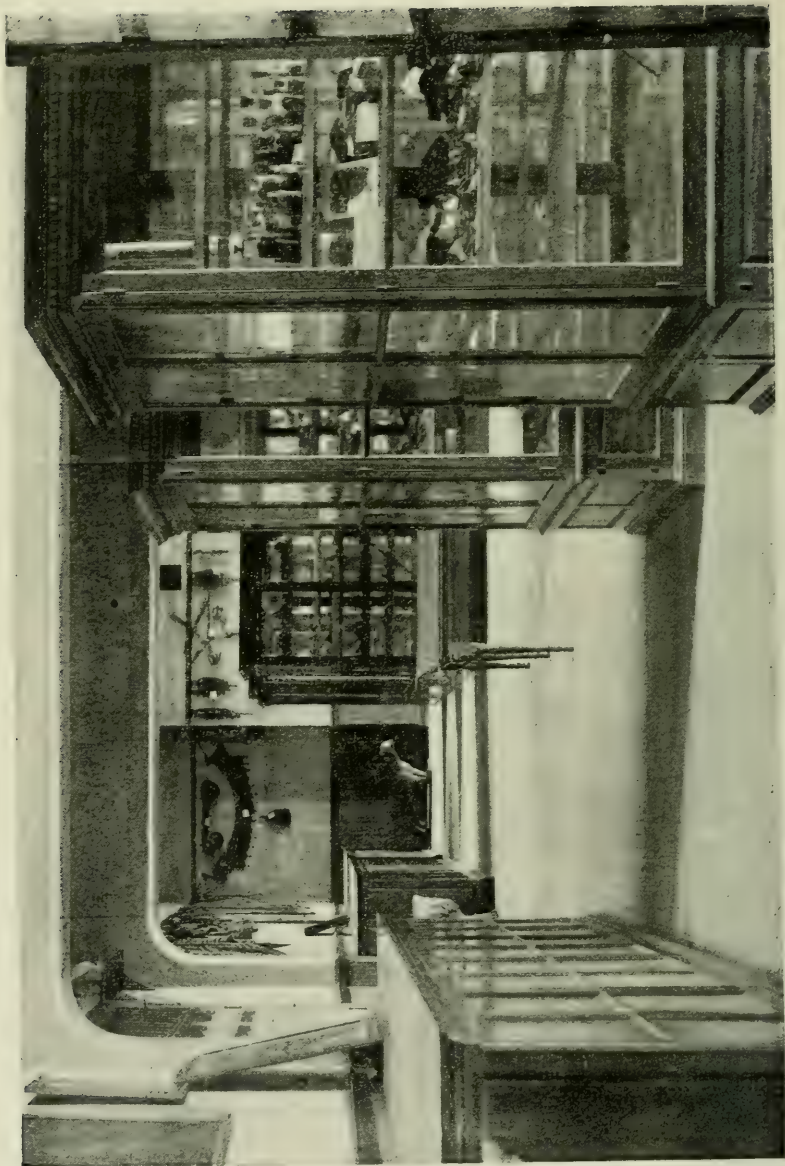
Junior Class. Eggleston's History of the United States ; study by questions on the text, and by epochs. Frequent tests in writing.

Middle Class. Montgomery's History of the United States.

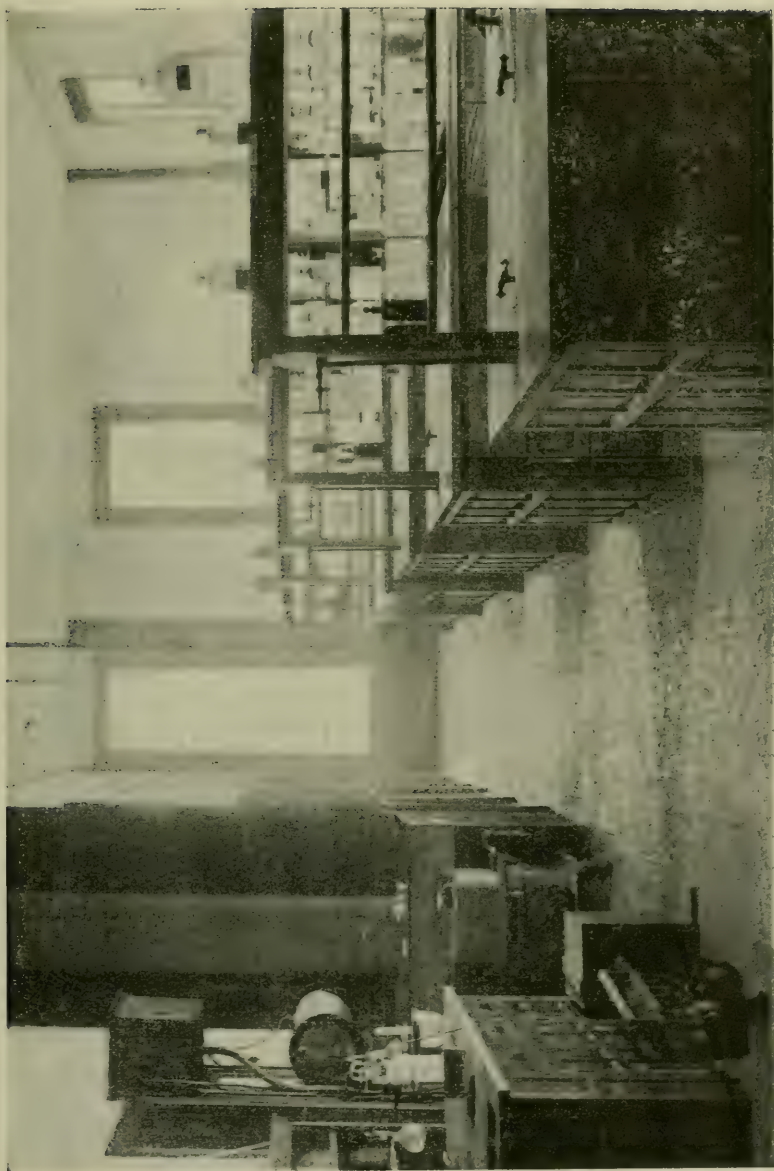
Sub-Freshman Class. Grecian and Roman History with attention to social customs, education, literature, thought and art. Reading from standard works in history and biography.

English and French history for students in the Scientific Course.





A CORNER IN THE MUSEUM



A VIEW IN THE LABORATORY OF ANALYTICAL CHEMISTRY.



ENGLISH

Junior Class. English Grammar. Reading. Spelling. Punctuation ; use of capitals. Writing from dictation. Letter writing.

Literature : Dr. Brown's Rab and His Friends, Hughes' Tom Brown's School Days, Kingsley's Heroes and Westward Ho, Hawthorne's Wonder Book, Burrough's Birds and Bees, Irving's Sketch Book.

Middle Class. Buehler's English Grammar. Reading, recitation, composition and declamation. Spelling, punctuation, capitals. Narration and description. Study of outlines.

Literature : Church's Story of the Iliad, Cooper's Last of the Mohicans, Longfellow's Miles Standish and Evangeline, Dickens' Christmas Carols, Tennyson's Enoch Arden.

Sub-Freshman Class. Syntactical analysis. Buehler's Practical Exercises. Study of the paragraph ; figures ; types of style. Abstracts and outlines. Declamation. Composition.

Literature : Macaulay's Essay on Frederick the Great, Sir Roger de Coverley Papers, Scott's Ivanhoe and Lady of the Lake, Hawthorne's Scarlet Letter, Eliot's Silas Marner, Tennyson's Idylls of the King, De Quincey's The Flight of the Tartars.

NATURAL SCIENCE

Junior Class. Geography, Industrial and Political, with map-drawing. Natural History ; survey of the Mineral, Vegetable and Animal Kingdoms.

Middle Class. Cooley's Physics. Physiology with direct reference to Hygiene.

Sub-Freshman Class. Eclectic Physical Geography. Natural laws and forces.

BUSINESS

A course of instruction is given in Book-keeping when desired. This course is intended to fit young men for a business career.

PHYSICAL EXERCISE

The building is surrounded with large and pleasant grounds adapted to football, baseball, tennis and other outdoor sports ; and in addition to this the students enjoy all the privileges and instruction of the College Gymnasium.

BUILDINGS AND ROOMS

The building, located on a slight eminence north of the town, is heated throughout by steam. It has recently been thoroughly repaired and renovated. The rooms on the third floor are now arranged *en suite* with a broad archway separating the study and sleeping apartments. On the second floor the rooms are separate. The plaster and wood work has been renewed and repainted and the building neatly papered throughout.

The rooms have been refurnished with heavy oak wardrobes, bookcases, washstands, tables and chairs. Iron enameled beds, complete with springs and mattresses, are also provided. Two students occupy two rooms, one for studying the other for sleeping. The rooms are furnished with two single bedsteads, mattresses, chairs, table, bookcase, clothes closet, window curtains and washstand. The other articles needed for the rooms, and *to be furnished by the occupants*, are as follows: Washbowl and pitcher, mirror, lamp, oil-can, slop-pail and carpet. The carpet for a third floor study room is $10\frac{1}{2}$ by $10\frac{1}{2}$, sleeping room $10\frac{1}{2}$ by 11, for a second floor study room 10 by $12\frac{1}{2}$. Each student must also be provided with towels, three sheets for single bed, two pillow slips, a spread, comforts and blankets, and a feather pillow.

EXPENSES

	FALL TERM 14 WEEKS	WINTER TERM 12 WEEKS	SPRING TERM 11 WEEKS
Tuition,	\$12.00	\$9.00	\$9.00
Room-rent and Use of Furniture,	8.25	7.00	7.00
Steam Heat,	3.60	4.20	1.80
Gymnasium Fee,	2.00	2.00	2.00
Incidentals,	5.00	5.50	4.50
	<hr/> \$30.85	<hr/> \$27.70	<hr/> \$24.30

Students do not board in the building, but in clubs and private families at a cost of from \$1.87 to \$3.00 a week. Washing is \$1.25 a month. A deposit of one dollar will be required at the beginning of the year to insure the return of keys and the proper care of the room. This will be returned to the student at the end of the year if no damage has been sustained. Students who do not room in the building are not charged for room-rent or for heating.

All bills with the Institution must be paid at the beginning of each term. Money entrusted to the Principal for the use of students will be expended as desired.

A TEACHERS' COURSE

is conducted during the Spring term.

The course, recognizing the existence of a science and an art of education which imposes the duty of preparation on those who would teach, desires first of all to afford an opportunity to make a helpful, practical study of some of the essential principles which underlie and actuate true teaching. To the accomplishment of this end daily work will be given in the Theory and Practice of Teaching. This work, by means of recitations, discussions, talks, etc., will point out the principal bearings of the History of Education, Psychology and School Management on the every-day duties and privileges of the school room. Experienced teachers will be employed in addition to the regular corps.

But this course, while laying emphasis on the professional side of a teacher's preparation, also duly recognizes the paramount importance of a thorough knowledge of the

subject-matter to be taught. Consequently daily recitations will be conducted in all the "common school" branches. In the presentation of these subjects the "topical method" will be followed, which admits of the use of *any* standard text-book.

Students in this course are allowed the use of the College library, equipment, etc. Dr. Stahley, Professor of Hygiene and Physical Culture, will deliver several illustrative lectures to the class in Physiology. The Astronomical Observatory with its fine large telescope will be used in personal observation and study of the solar system in its relation to the geography of the earth.

During the term several general tests will be held preparatory to the regular county examination.

Any person taking the course may study Book-keeping, Algebra, Geometry, Latin, Greek, etc., without additional charges for tuition.

The tuition for the term of eleven weeks is \$13.50.

This fee includes the entire course, there being no extra charges for additional branches.

Board can be secured at very moderate rates. See p. 50.

Term begins April 5

Term closes June 15

For further information address

REV. CHARLES H. HUBER, A.M.,

Principal.

REGISTER OF STUDENTS.

COLLEGIATE DEPARTMENT

NOTE.—*indicates Scientific Course, † Select Course.

GRADUATES

William Ira Book, B. E., Juniata College, '96, M. E., '98,	} <i>Gettysburg,</i>	163 Carlisle St.
Rose Emma Plank, A. B. 1903,	<i>Gettysburg,</i>	272 Buford Ave.
Uriah Francis White, B. S. 1903,	<i>Manheim,</i>	16 and 18 S.

SENIOR CLASS.

Mary Catherine Adams, ✓	<i>Gettysburg,</i>	Confederate Ave.
William Wallace Barkley,	<i>Imler,</i>	10 M.
Geo. Fred. Hampton Berwager,	<i>Wentz's, Md.,</i>	23 W.
Adie Elmer Black,	<i>El Dorado,</i>	Observatory.
John Blair Boyer,	<i>Philadelphia,</i>	14 S.
Edward Stewart Bream,	<i>Gettysburg,</i>	Harrisburg Road.
Joseph Howard Bream,	<i>Gettysburg,</i>	134 Chambersburg St.
Samuel Allen Conway,	<i>Dallastown,</i>	18 M.
Wm. Reuben Shaffer Denner,	<i>Manchester, Md.,</i>	29 W.
John Maclay Diehl,	<i>Cashtown,</i>	23 E.
James Garfield Diller,	<i>Gettysburg,</i>	45 Chambersburg St.
Bessie Mae Drais, ✓	<i>Gettysburg,</i>	109 Springs Ave.
*Paul Brown Dunbar,	<i>Baltimore, Md.,</i>	17 W.
*Geo. L. Wellington Eppler,	<i>Cumberland Md.,</i>	11 and 13 S.

*William Bunn Fischer,	<i>Shamokin,</i>	10 and 12 S.
Curtis Fisher,	<i>Johnstown,</i>	16 and 18 S.
Paul Froehlich,	<i>Harrisburg,</i>	24 S.
*Walter Alexander Geesey,	<i>Altoona,</i>	4 S.
Josaver Winfield Gentzler,	<i>Thomasville,</i>	14 M.
Colstin Bernard Gladfelter,	<i>Seven Valley,</i>	9 S.
Paul Gladfelter,	<i>Neimans,</i>	21 W.
Lyman Abram Guss,	<i>Patterson,</i>	20 M.
Mervin Roy Hamsher,	<i>Chambersburg,</i>	1 E.
Charles John Hines,	<i>Baltimore, Md.,</i>	17 W.
Albert Martz Hinkle,	<i>Codorus,</i>	16 E.
James Hipple,	<i>Middletown,</i>	24 E.
Carrie Edna Inglebirt,	<i>Gettysburg,</i>	Confederate Ave.
Frank Layman,	<i>Greencastle,</i>	9 M.
William Cornelius Lott,	<i>Gettysburg,</i>	36 E.
Frederick Garman Masters,	<i>Rockwood,</i>	12 M.
Charles Henry May,	<i>Manchester,</i>	18 W.
Arthur Edmund Rice,	<i>Arendtsville,</i>	21 M.
Joseph Eugene Rowe,	<i>Emmitsburg, Md.,</i>	17 E.
*Clarence Milton Schaeffer,	<i>Westminster, Md.,</i>	8 M.
Hauer Hall Sharp,	<i>Lebanon,</i>	30 E.
Walter Young Sprenkle,	<i>Hanover,</i>	1 S.
Fred. Charles Jos. Sternat,	<i>Baltimore, Md.,</i>	33 S.
Ira Washington Trostle,	<i>Arendtsville,</i>	26 W.
Samuel Pool Weaver,	<i>Greensburg,</i>	25 E.
Harriet Elizabeth Weigle,	<i>Mechanicsburg,</i>	Confederate Ave.
Abdel Ross Wentz, ✓	<i>Lineboro, Md.,</i>	14 E.
Mary Brownlee Wilson, ✓	<i>Cobleskill, N. Y.,</i>	2 Carlisle St.
Norman Samuel Wolf,	<i>Abbottstown,</i>	33 W. Middle St.

SENIORS, 43.

JUNIOR CLASS.

Paris Biemensderfer Andes,	<i>East Petersburg,</i>	29 E.
Paul Amos Bartholomew,	<i>Prospect,</i>	19 S.

Harvey Bickel,	<i>Ottsville,</i>	22 E.
Philip Raymond Biclè.	<i>Gettysburg,</i>	2 Campus.
Walter Scott Bonnell,	<i>Junction, N. J.,</i>	36 E.
Calvin Sylvester Brewer,	<i>Dayton, Ind.,</i>	37 E.
Clarence Edwin Butler,	<i>Lilly,</i>	21 M.
Bender Z. Clinton Cashman,	<i>New Oxford,</i>	New Oxford.
*Bruce Urban Parker Cobaugh,	<i>Somerset,</i>	12 M.
*John Christopher Diehl,	<i>New Oxford,</i>	2 M.
James Allen Dickson,	<i>Gettysburg,</i>	103 W. Middle St.
Andrew Luther Dillenbeck,	<i>St. Johnsville, N. Y.,</i>	1 E.
Howard Freas,	<i>Baltimore, Md.,</i>	15 S.
*Tillottson Fryatt,	<i>Martinsburg, W. Va.,</i>	9 M.
Charles Gauger,	<i>Albany, N. Y.,</i>	37 E.
John Stonesifer Gilbert,	<i>Gettysburg,</i>	1 York St.
*Ross Kirby Gilbert,	<i>Chambersburg,</i>	8 M.
*James Brown Graff,	<i>Worthington</i>	34 S.
Joel Emory Grubb,	<i>Newport,</i>	27 E.
Harvey Solomon Haar,	<i>Zieglers,</i>	19 E.
†William Sherman Hafer,	<i>St. Thomas,</i>	19 W.
*William Menges Hartzell,	<i>Philadelphia,</i>	8 W.
Charles William Heathcote,	<i>Hanover,</i>	13 W.
Robert Nicholas Heltzell,	<i>Hunterstown,</i>	2 M.
Arthur William Hershey,	<i>Hanover,</i>	Hanover.
†Walter Everitt Hurd,	<i>Philadelphia,</i>	8 W.
Harry Clare Kleckner,	<i>Cisna Run,</i>	24 W.
Mitchell Mahlon Metzger,	<i>Turtle Creek,</i>	2 S.
*Albert Abraham Partner,	<i>Patterson,</i>	20 M.
Lloyd Emory Poffinberger,	<i>Foltz,</i>	24 W.
*George Rupp Pretz,	<i>Steelton,</i>	18 M.
Harry Randolph Rice,	<i>Arendtsville</i>	32 S.
*Edmund Hoopes Singmaster,	<i>Gettysburg,</i>	Confederate Ave.
*Guy Revere Thomas,	<i>Biglerville,</i>	2 S.
*Harold Schick Trump,	<i>Martinsburg, W. Va.,</i>	9 M.
Harry Oristus Wagner,	<i>Union Deposit,</i>	26 E.

Isaac Elmer Walter,	<i>Alga,</i>	23 Mummasburg St.
		JUNIORS, 37.

SOPHOMORE CLASS.

Martin Eli Anderson,	<i>Chicago, Ill.,</i>	22 S.
Charles Haines Auman,	<i>Spring Mills,</i>	34 E.
Albert Billheimer,	<i>Gettysburg,</i>	108 Springs Ave.
Jonas Sahnner Blank,	<i>Pittsburg,</i>	26 S.
†David Webster Bowersox,	<i>Harney, Md.,</i>	209 Washington St.
Hylas Clyde Brillhart,	<i>Winterstown,</i>	7 E.
*Harry Brua Campbell,	<i>Middletown,</i>	22 W.
Bennett Edward Cates,	<i>Frederick, Md.,</i>	31 S.
Herbert Schuman Dornberger,	<i>Pittsburg,</i>	27 S.
Wellington Roe Emmert,	<i>York Springs,</i>	25 S.
Malvin Dale Geesey,	<i>Spring Forge,</i>	20 E.
George William Gulden,	<i>Gettysburg,</i>	103 Hanover St.
Norman Henry Haar,	<i>Hanover,</i>	14 M.
†Warren Lavere Hafer,	<i>Abbottstown,</i>	19 S.
David Augustus Harmon,	<i>Hazleton,</i>	3 S.
*John Nicholas Hartman,	<i>McKeesport,</i>	5 S.
Elam Gross Hess,	<i>Manheim,</i>	39 E.
*George William Hill, Jr.,	<i>Frostburg, Md.,</i>	11 E.
Harrison Kauffman,	<i>Paxton,</i>	218 N. Stratton St.
James Edward Lowe, Jr.,	<i>Westminster, Md.,</i>	29 W.
†Mary Agnes McAllister, ✓	<i>Gettysburg,</i>	37 E. High St.
*Harriet Anderson McGill,	<i>Thurmont, Md.,</i>	202 Chambersb'g. St.
Mary Buchanan McGill,	<i>Thurmont, Md.,</i>	202 Chambersb'g. St.
†Arthur Reed McMahan,	<i>Troy,</i>	11 E.
*David Forney Miller,	<i>Mechanicsburg,</i>	17 M.
*Hiester Henry Muhlenburg,	<i>Reading,</i>	10 and 12 S.
Homer Wertz Myers,	<i>Marion,</i>	19 W.
George Gordon Parker,	<i>Colwyn,</i>	15 and 17 S.
*Ralph Deal Pfahler,	<i>Meyersdale,</i>	8 S.

Judd Nyann Poffinberger,	<i>Vandergrift,</i>	21 S.
Julia Elizabeth Rue, ✓	<i>Sunbury,</i>	304 Baltimore St.
William Martin Seligman,	<i>Butler,</i>	162 York St.
Charles Fager Shriver,	<i>York,</i>	39 E.
†Goodell Sieber,	<i>Gettysburg,</i>	27 W. Middle St.
†John Henry Snoke,	<i>Newville,</i>	31 E.
†Joseph Freas Staley,	<i>Middletown,</i>	32 S.
*Walter Sherman Stine,	<i>Harrisburg,</i>	30 S.
Bertram Augustus Strohmeier,	<i>Pottsville,</i>	10 M.
*Amanda Margarette Tawney,	<i>Gettysburg,</i>	41 Steinwehr Ave.
*George Michael Trostle,	<i>York Springs,</i>	20 S.
John Miller Van Doren,	<i>New Germantown, N. J.</i>	29 S.
Helen May Wagner, ✓	<i>Hazleton,</i>	24 Baltimore St.
Vera Louisa Wagner, ✕	<i>Hazleton,</i>	24 Baltimore St.
Daniel Elias Weigle,	<i>Mechanicsburg,</i>	22 M.
Nathaniel Ruggles Whitney,	<i>Lykens,</i>	31 W.
*Ernest Samuel Wolf,	<i>Abbottstown,</i>	19 E.
Joseph Harold Wolf,	<i>Glen Rock,</i>	21 E.
Frank Russell Young,	<i>Middletown, Md.,</i>	28 E.
Paul Milton Young,	<i>New York City,</i>	7 S.
*Frank Person Zarr,	<i>Bloomsburg,</i>	15 and 17 S.

SOPHOMORES, 50.

FRESHMAN CLASS

Jesse Ethan Benner,	<i>Gettysburg,</i>	Baltimore Pike.
Nellie Kate Blocher,	<i>Gettysburg,</i>	400 Carlisle St.
Edwin Butler Boyer,	<i>Accident, Md.,</i>	35 E.
Belle Wierman Bream,	<i>Gettysburg,</i>	124 Spring Ave.
Rolland Edward Brumbaugh,	<i>Roaring Springs,</i>	1 S.
†Martha Campbell Dickson, ✓	<i>Gettysburg,</i>	103 W. Middle St.
*Thomas Alvin Faust,	<i>Ambler,</i>	3 S.
Ida Virginia Fiscel, ✓	<i>Gettysburg,</i>	421 Baltimore St.
Mary Swartz Fiscel, ✓	<i>Gettysburg,</i>	421 Baltimore St.
Humes Bradley Galbraith,	<i>Bellwood,</i>	10 W.

†John James Garvin,	<i>Gettysburg,</i>	213 Buford Ave.
Elsie Anna Gerlach, ✓	<i>Gettysburg,</i>	56 Chambersburg St.
*Clifford Clinton Hartman,	<i>McKeesport,</i>	6 S.
John Willard Hershey,	<i>Tillie,</i>	209 N. Washington St.
*Howard Elwood Janies,	<i>Reading,</i>	30 E.
*George Washington Karmany,	<i>Hummelstown,</i>	10 E.
*Lloyd Leslie Lammert,	<i>Frostburg</i>	33 E.
Charles Edward Lewars,	<i>Gettysburg,</i>	157 Carlisle St.
†Margaret Anderson Lott, ✓	<i>Gettysburg,</i>	Harrisburg Road.
Mary Matilda Martin, ✓	<i>Gettysburg,</i>	39 Lincoln St.
*John Charles Matt,	<i>Philadelphia,</i>	9 W.
Eleanor Wortz Miller, ✓	<i>Gettysburg,</i>	31 Middle St.
Franklin Wattles Moser,	<i>Schuylkill Haven,</i>	23 S.
Earl Beachy Musser,	<i>Berlin,</i>	8 S.
Harvey Cleveland Preston,	<i>Manchester, Md.,</i>	29 W.
†William Otto Reinecke,	<i>Jersey City, N. J.,</i>	28 S.
*Edgar Nevin Rhodes,	<i>Emmitsburg, Md.,</i>	38 E.
Ward Beecher Shank Rice,	<i>Gettysburg,</i>	28 W. High St.
Ernest Victor Roland,	<i>Chapman's Run,</i>	27 W.
Ernest Cyral Root,	<i>Bellwood,</i>	10 W.
Martha Ellen Sachs, ✓	<i>Gettysburg,</i>	136 E. Middle St.
Robert William Schnitzer,	<i>Gettysburg,</i>	4 Carlisle St.
Jesse Nelson Sharretts,	<i>Gettysburg,</i>	48 Stevens St.
Thomas Edgar Shearer,	<i>Worthington,</i>	15 E.
Russell Simpson Shoemaker	<i>Harney, Md.,</i>	15 W.
Mae Cecilia Shriver, ✓	<i>Gettysburg,</i>	69 W. High St.
Paul Rothrock Sieber,	<i>Gettysburg,</i>	27 W. Middle St.
Paul Singmaster,	<i>Gettysburg,</i>	Confederate Ave.
Samuel Earnest Smith,	<i>Lamartine,</i>	27 W.
Henry Renoll Spangler,	<i>Spring Forge,</i>	20 E.
†Rose Margaret Stock, ✓	<i>Gettysburg,</i>	38 N. Washington St.
Nina Gertrude Storrick,	<i>Gettysburg,</i>	7 Hanover St.
Cora Susan Swartz, ✓	<i>Gettysburg,</i>	238 Baltimore St.
†Mary Stair Swope,	<i>Gettysburg,</i>	208 Baltimore St.

Luther Benton Thomas,	<i>Gettysburg,</i>	240 Chambersburg St.
Upton Dale Thomas,	<i>Gettysburg,</i>	240 Chambersburg St.
†Raymond Frederick Topper,	<i>Gettysburg,</i>	99 Steinwehr Ave.
Rufus Miley Weaver,	<i>Gettysburg,</i>	129 Baltimore St.
†Horace Aaron Yost,	<i>New York City,</i>	15 E.

FRESHMEN 49.

PREPARATORY STUDENTS

SUB-FRESHMAN CLASS

George Nicholas Acker,	<i>Washington, D. C.,</i>	46 St.
Carl Chester Bailey,	<i>Coatesville,</i>	125 N. Washington St.
Elwood Erastus Barley,	<i>Baker's Summit,</i>	24 St.
Maria Grace Blocher,	<i>Gettysburg,</i>	400 Carlisle St.
Frank Garver Bond,	<i>Salina, Kans.,</i>	34 St.
Minnie Mae Bruner,	<i>Gettysburg,</i>	32 Carlisle St.
Ellen Patterson Crapster,	<i>Taneytown, Md.,</i>	136 Baltimore St.
John McCrae Dickson,	<i>Gettysburg,</i>	103 W. Middle St.
Joseph Chalfant Dickson,	<i>Gettysburg,</i>	103 W. Middle St.
James Erwin Diehl,	<i>Cashtown,</i>	25 E.
Leroy Earl Enterline,	<i>Ashland,</i>	28 St.
Edward McCreary Faber,	<i>Gettysburg,</i>	28 Chambersburg St.
Frank P. Fisher,	<i>Warrior's Mark,</i>	27 St.
Norman McCarrell Fox,	<i>Gettysburg,</i>	6 Chambersburg St.
Lillie Rebecca Gantt,	<i>Frostburg, Md.,</i>	168 Carlisle St.
George Haas,	<i>Pine Grove,</i>	32 St.
Ruth Hamilton,	<i>Gettysburg,</i>	Baltimore St.
Mary Hay Himes,	<i>Gettysburg,</i>	130 Carlisle St.
John Byron Horner,	<i>Fairfield,</i>	Fairfield.
Henry States Huber,	<i>Gettysburg,</i>	103 Springs Ave.
Donald Witherow Huber,	<i>Gettysburg,</i>	103 Springs Ave.

Elbert Eugene Kifer,	<i>Leechburg,</i>	40 St.
Guy Beaver King,	<i>Virginia Mills,</i>	Virginia Mills.
Harry Smith Landis,	<i>Swales,</i>	16 M.
Charles Philip Lantz,	<i>Harrisburg,</i>	42 St.
Katheryne Spencer Large,	<i>Orrtanna,</i>	132 Baltimore St.
Irvin Martin Lau,	<i>Gettysburg,</i>	62 Stevens St.
John Mather Leonard,	<i>Marlinsburg, W. Va.,</i>	46 St.
*Frances Riggins McCleary,	<i>Gettysburg,</i>	132 Baltimore St.
Roy Foster McClune,	<i>Pittsburg,</i>	30 St.
William Bradbury McClure,	<i>Elk Lick,</i>	45 St.
James Heinze McClure,	<i>Elk Lick,</i>	45 St.
Anna Elizabeth McLaughlin,	<i>Mooredale,</i>	E. Lincoln St.
Effie Matilda Miller,	<i>Gettysburg,</i>	25 Chambersburg St.
Frank Orville Miller,	<i>Gettysburg,</i>	53 W. Middle St.
*George M. Miller,	<i>Shippensburg,</i>	168 Carlisle St.
William Thomas Newman,	<i>York Road, Md.,</i>	35 S.
Charles Leedom Patterson,	<i>Franklin,</i>	9 S.
*Ira David Plank,	<i>Gettysburg,</i>	32 E.
*William Otto Reinecke,	<i>Jersey City, N. J.,</i>	28 S.
George Michael Rice,	<i>Arendtsville,</i>	26 W.
Robert Alger Seilhamer,	<i>Gettysburg,</i>	Carlisle Road.
Albert Clinton Shuck,	<i>State Line,</i>	30 St.
Herbert Russel Staley,	<i>Middletown,</i>	40 St.
Loy Woods Stambaugh,	<i>Cisna Run,</i>	29 St.
Howard Arthur Stouffer,	<i>York,</i>	23 St.
Jesse Franklin Swartz,	<i>Spring Forge,</i>	34 St.
Horace Clay Thoman,	<i>Abbottstown,</i>	25 St.
*Ira Thomas,	<i>Hartford, Conn.,</i>	32 E.
Maurice Stevenson Weaver,	<i>Gettysburg,</i>	261 Baltimore St.
*Special.		Sub-Freshmen, 50.

MIDDLE CLASS

Maurice Blocher Bender,	<i>Gettysburg,</i>	131 Carlisle St.
Lytton Briggs Buehler,	<i>Gettysburg,</i>	11 Chambersburg St.

Anna Porter Crapster,	<i>Taneytown, Md.,</i>	136 Baltimore St.
Louise Duncan,	<i>Gettysburg,</i>	109 Lincoln St.
Kathryn Duncan,	<i>Gettysburg,</i>	109 Lincoln St.
Earl Spangler Eicholtz,	<i>Gettysburg,</i>	125 Chambersburg St.
Garfield Eisentrout,	<i>Eckhart Mine, Md.,</i>	26 St.
Oscar Wilson Foutz,	<i>Reading,</i>	25 St.
George Raymond Haaf,	<i>Palatine, N. J.,</i>	33 St.
Blanche Swope Klinger,	<i>Gettysburg,</i>	129 Lincoln St.
Mary Catherine Kohler,	<i>Gettysburg,</i>	10 York St.
Elias Trostle Lau,	<i>Gettysburg,</i>	62 Stevens St.
Leroy Neighbor Miller,	<i>New Germantown, N. J.,</i>	38 St.
John Butt Riddlemoser,	<i>McKnightstown,</i>	McKnightstown.
Raymond Sieber,	<i>Gettysburg,</i>	37 W. Middle St.
Anna Hayward Spangler,	<i>Gettysburg,</i>	124 Carlisle St.
Bessie Lucile Storrick,	<i>Gettysburg,</i>	24 York St.
Krauth Whitson Thom,	<i>China Grove, N. C.,</i>	38 St.
D. Agnew Thomas,	<i>Gettysburg,</i>	240 Chambersburg St.
Lloyd Van Doren,	<i>New Germantown, N. J.,</i>	29 S.
Lucile Hannah Warner,	<i>Gettysburg,</i>	504 Baltimore St.
Harry Rey Wolf,	<i>Harrisburg,</i>	39 St.
* Special.		Middlers, 22.

NORMAL CLASS.

Grace Elizabeth Benner,	<i>Gettysburg,</i>	Baltimore St.
Carrie Dennis,	<i>New Chester,</i>	1 Steinwehr Ave.
Elsie Howe,	<i>Hampton,</i>	1 Steinwehr Ave.
Arthur Taylor Knouse,	<i>Gettysburg,</i>	Fairfield Road.
Robert Emory Kraber,	<i>Boulder,</i>	145 E. Middle St.
Willis Elmer Kraber,	<i>Boulder,</i>	145 E. Middle St.
Roy Titus Little,	<i>Seven Stars,</i>	Seven Stars.
Maggie Myrtle Meckley,	<i>Gettysburg,</i>	1 Steinwehr Ave.
Grace Irene Miller,	<i>Seven Stars,</i>	Seven Stars.
Myrtle Cleo Stallsmith,	<i>New Oxford.</i>	New Oxford.
Annie Alverta Stough,	<i>Gettysburg,</i>	203 N. Washington St.

COMMENCEMENT, 1903

DEGREES, HONORS AND PRIZES

CLASS OF 1903

BACHELORS OF ARTS.

Ralph Henry Bergstresser,,	Frank Stoddard Lenker.
Harry Benton Burkholder,	Harold Steck Lewars,
Curtis Edward Cook,	Ralph Phaon Lewars,
Edgar Allen Crouse,	William Perry McLaughlin,
Paul William Eyster,	Paul Augustus Martin,
Maurice Heffley Floto,	Rose Emma Plank,
Charles Sumner Gracey,	Herbert Adron Rinard,
William Walter Hartman,	Mary Cecilia Seiling,
Edward Buchanan Hay,	Edward Philip Stair,
William Franklin Hersh,	David Sparks Weimer,
Norman Ash Yeany,	
Winslow Shelby Pierce, as of the class 1879.	

BACHELORS OF SCIENCE.

David Snider Babylon,	Robert Harry Philson,
David Lesle Diehl,	George Snavelly Rentz,
Jacob Diehl,	Herbert Louis Stifel,
Daniel Clarence Jacobs,	Uriah Francis White,
Robert Willis Lenker,	Howard Boylston Young,
Charles Milton Altland Stine, A. B., 1901. (Chemistry.)	

FIRST HONOR :

Edward P. Stair, York.

SECOND HONOR :

David S. Weimer,	. . .	Clearville.
Ralph H. Bergstresser,	. . .	Lykens.
Mary C. Seiling,	. . .	York.
Herbert L. Stifel,	. . .	Allegheny.
Edward B. Hay,	. . .	Red Hook, N. Y.
Robert H. Philson	. . .	Meyersdale.

GRAEFF PRIZE :

For best essay on "Swift as a Satirist."

Herbert L. Stifel, . . . Allegheny.

with honorable mention of

Edward B. Hay. . . Red Hook, N. Y.

CLASS OF 1904

HASSLER GOLD MEDAL :

Abdel R. Wentz, . . . Lineboro, Md.

with honorable mention of

Frank Layman, . . . Greencastle.

Mary Ada McLinn, . . . Apollo.

REDDIG PRIZE IN ORATORY :

William W. Barkley, . . . Imler.

with honorable mention of

Bess M. Drais, . . . Gettysburg.

CLASS OF 1905

BAUM MATHEMATICAL PRIZE :

Guy Revere Thomas, . . . Biglerville.

Lloyd E. Poffinberger, . . . Foltz.

with honorable mention of

Albert A. Partner, . . . Patterson.
 Isaac E. Walter, Alga.
 Paris B. Andes, East Petersburg.

CLASS OF 1906

MUHLENBERG PRIZE :

Hylas C. Brillhart, . . . Winterstown.
 Albert Billheimer, Gettysburg.

with honorable mention of

Martin E. Anderson, . . . Chicago, Ill.

GUES PRIZES IN ENGLISH COMPOSITION :

FIRST PRIZE :

Lyman A. Guss, (1904) . . . Patterson.

SECOND PRIZE :

Abdel R. Wentz, (1904) . . . Lineboro, Md.

THIRD PRIZE :

William W. Barkley, (1904) . . . Imler.

with honorable mention of

Frank Layman, (1904) . . . Greencastie.
 William F. Hersh, (1903) . . . Pennsburg.

MASTER OF ARTS IN COURSE :

1900

Rev. Charles S. Bottiger,	Charles C. Grove,
Rev. Wilkins B. Claney,	Rev. Stephen Hitchner,
Rev. Robert D. Clare,	Rev. John I. Hummer,
Rev. Henry B. Ernest,	Rev. John F. Knittle,
Rev. Addison D. Gilbert,	Rev. Joseph G. Langham,

Ira M. Long,	J. Frank Staley,
William N. McNair,	McClellan Stock,
Rev. William R. Miller,	Rev. Frank M. Traub,
William J. Miller, Jr.,	Luther A. Weigle,
Rev. John Luther A. Sieber,	Homer N. Young.

MASTER OF SCIENCE IN COURSE :

Benjamin F. Carver,	David Dale,
James C. Markel.	

HONORARY MASTER OF ARTS :

Cornelius Eckhardt,	Washington, D. C.
Martin Luther Holloway,	Philadelphia.

DOCTOR OF DIVINITY :

Rev. William M. Baum, (1877), Canajoharie.
Rev. William E. Stahler, (1880), Lebanon.
Rev. Oliver C. Roth, (1878), Altoona.
Rev. Augustus R. Steck, (1882), York.

DOCTOR OF LAWS :

Prof. James W. Richard, (1868), D.D.
Hon. William S. Kirkpatrick.

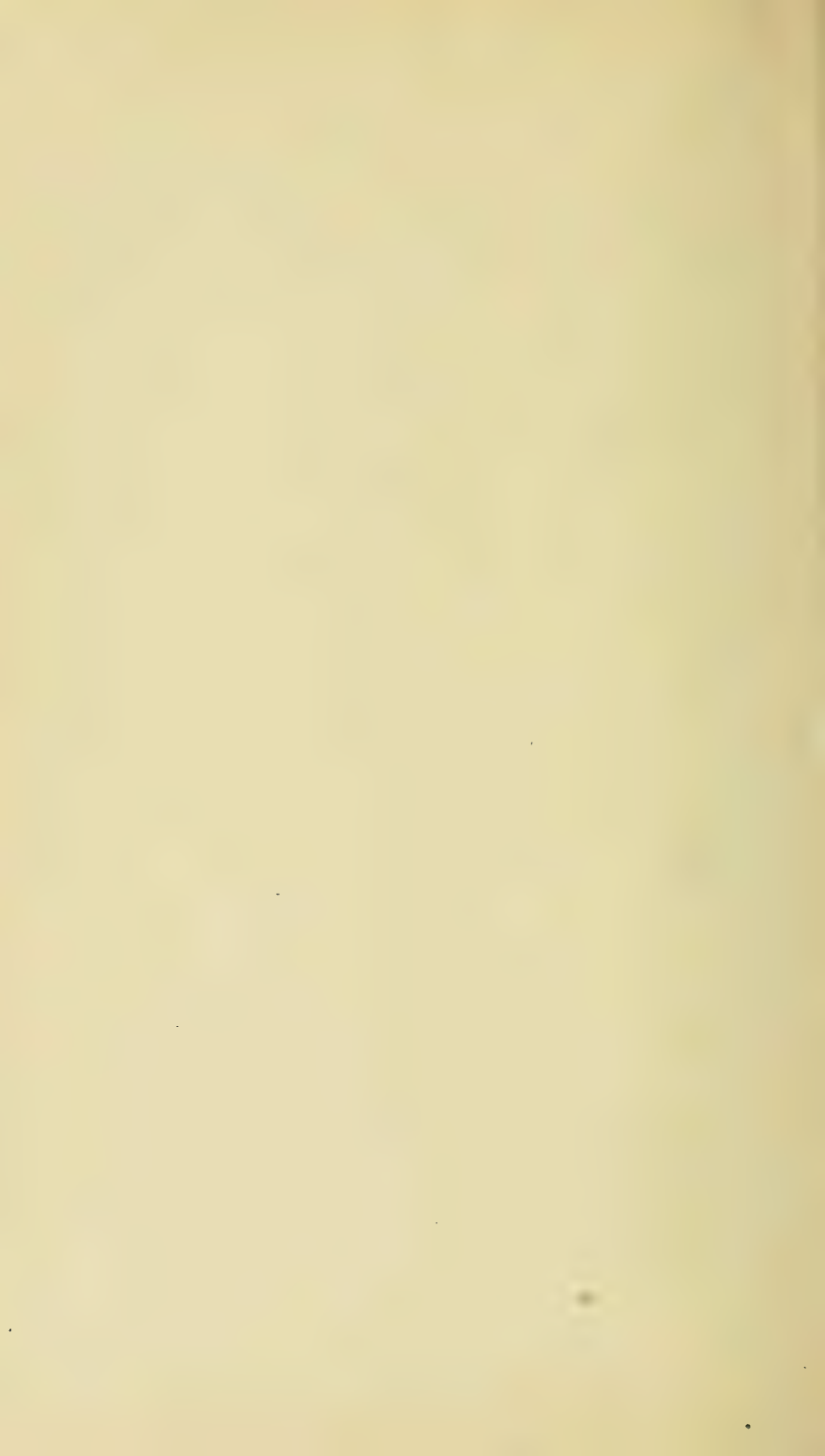
SUMMARY

(EXCLUSIVE OF HONORARY DEGREES)

Bachelors of Arts,	1,216
Bachelors of Science,	73
Doctors of Philosophy, (holding their first degree from other Institutions),	7
Whole number of graduates,	1,296

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*J. D. Branch,
May 10 1896*

Seventy-third Annual Catalogue

OF THE

OFFICERS AND STUDENTS

OF

PENNSYLVANIA COLLEGE

GETTYSBURG, PENN'A

FOR THE ACADEMIC YEAR

1904--1905

CALENDAR 1904-1905.

1904.

Sept. 15. Thursday morning—beginning of First Term.
Dec. 21. End of First Term.

WINTER VACATION

1905.

Jan. 4. Beginning of Second Term.
Jan. 29. Day of Prayer for Colleges.
Mar. 29. End of Second Term.

RECESS, NOON MARCH 29, TO MORNING APRIL 5.

April 5. Beginning of Third Term.
May 4. Junior Latin Examination for Hassler Prize.
June 5, 6, 7. Final Examination of Senior Class.
June 11. Sunday Morning—Baccalaureate Sermon.
June 11. Sunday Evening—Discourse before the Y. M. C. A.
June 12, 13. Entrance Examinations.
June 13. 8 A. M., Tuesday—Meeting of Board of Trustees.
June 13. 10 A. M., Tuesday—Junior Oratorical Contest.
June 13. Evening—Annual Meeting of Alumni—Alumni Collation—President's Reception.
June 14. 9 A. M., Wednesday—Commencement Exercises

SUMMER VACATION.

Sept. 14. Thursday Morning—Beginning of First Term.
Dec. 20. End of First Term.

WINTER VACATION.

1906.

Jan. 3. Beginning of Second Term.
March 28. End of Second Term.
April 4. Beginning of Third Term.
June 13. Commencement.

OFFICIAL ROLL OF TRUSTEES.

	Elected.
John George Butler, D. D.....	1862.
Milton Valentine, D. D., LL. D.....	1868.
Luther A. Albert, D. D.....	1870.
George Ryneal, Jr.....	1873.
Hon. Samuel D. Schmucker, LL. D.....	1875.
John George Goettman, D. D.....	1877.
Harvey W. McKnight, D. D., LL. D.....	1878.
Benjamin S. Kunkle.....	1880.
Hon. John A. Swope.....	1882.
John F. Gwinner	1882.
Philip H. Glatfelter	1888.
Hon. Edmund D. Graff	1890.
William H. Dunbar, D. D.*.....	1890.
Hon. Samuel McC. Swope*.....	1890.
Thomas C. Billheimer, D. D.*.....	1892.
John Wagner, D. D.*.....	1893.
Charles M. Stock, D. D.....	1894.
Matthew G. Boyer, D. D.....	1894.
James Strong	1896.
John B. McPherson, Esq.....	1896.
J. Emory Bair.....	1896.
John Jacob Young, D. D.....	1897.
William A. Shipman, D. D.*.....	1897.
Henry C. Picking.....	1898.
Charles H. Kunkel.....	1898.
Hon. Daniel F. Lafean	1899.
Charles F. Stiefel	1899.
Henry H. Weber, D. D.....	1899.
Henry M. Clabaugh, LL. D.*.....	1900.
Hon. Charles Baum, M. D., Ph. D.....	1902.
J. Harry Fritz	1902.

*Alumni Representatives.

FACULTY AND INSTRUCTORS.

Rev. S. G. HEFELBOWER, A. M.

PRESIDENT, AND WILLIAM BITTINGER PROFESSOR OF INTELLECTUAL
AND MORAL SCIENCE.

3 Campus

JOHN A. HIMES, A. M. LITT. D.

GRAEFF PROFESSOR OF ENGLISH LITERATURE AND POLITICAL SCIENCE,
AND LIBRARIAN.

130 Carlisle Street

Rev. PHILIP M. BIKLE, A. M., PH.D.,

DEAN, AND PEARSON PROFESSOR OF THE LATIN LANGUAGE AND
LITERATURE.

2 Campus

EDWARD S. BREIDENBAUGH, Sc.D.,

OCKERSHAUSEN PROFESSOR OF CHEMISTRY AND MINERALOGY,
AND CURATOR OF THE MUSEUM.

227 Carlisle Street

GEORGE D. STAHLEY, A. M., M.D.,

DR. CHARLES H. GRAFF PROFESSOR OF PHYSICAL CULTURE AND
HYGIENE, AND SECRETARY OF THE FACULTY.

Confederate Avenue

HENRY B. NIXON, PH.D.,

ALUMNI PROFESSOR OF MATHEMATICS AND ASTRONOMY.

1 Campus.

Rev. OSCAR G. KLINGER, A.M.,

FRANKLIN PROFESSOR OF THE GREEK LANGUAGE AND LITERATURE.

129 Lincoln Street

Rev. MELANCHTHON COOVER, A.M.,

AMANDA RUPERT STRONG PROFESSOR OF ENGLISH BIBLE, AND
CHAPLAIN.

315 Carlisle Street

CHARLES E. DRYDEN, A. M.

ACTING PROFESSOR OF THE GERMAN LANGUAGE AND LITERATURE,
AND INSTRUCTOR IN FRENCH.

42 Stevens Hall

CLYDE B. STOVER, A.M.,

ASSISTANT IN CHEMISTRY.

34 Stevens Street

REV. CHARLES H. HUBER, A.M.,

PRINCIPAL OF THE PREPARATORY DEPARTMENT, AND PROFESSOR
OF LATIN AND GREEK.

411 Carlisle Street

HARRY A. LANTZ, A.M.,

VICE PRINCIPAL AND TUTOR IN MATHEMATICS AND NATURAL SCIENCE.

157 Carlisle St.

CHARLES C. STORRICK, A.B.,

TUTOR IN GREEK AND HISTORY.

16 Stevens Hall

HARRIET A. MCGILL,

PRECEPTRESS.

202 Chambersburg St.

HOWARD E. JAMES,

PHYSICAL INSTRUCTOR.

30 East College

ANDREW L. DILLENBECK,

PROCTOR.

7 Middle College

LLOYD E. POFFINBERGER,

PROCTOR.

14 South College

HARRY C. PICKING,

TREASURER.

17 Baltimore Street

SALLIE P. KRAUTH,

ASSISTANT LIBRARIAN.

3 Baltimore Street

COURSES OF STUDY

The College offers the following courses:

- I. A Classical course leading to the degree of A. B.
- II. A Scientific course leading to the degree of B. S.
- III. Select courses without reference to a degree.
- IV. Graduate courses leading to the degree of Ph. D.

TERMS OF ADMISSION

Entrance examinations are held on Monday and Tuesday before Commencement and on Thursday, the day of opening, in September. While there may be examinations at other times, all applicants are urged to present themselves on the days appointed. Students from the Preparatory Department are admitted to the Freshman class upon the recommendation of the Principal without further examination. Applicants recommended by approved Academies and High Schools as having mastered the required preparatory studies are admitted on an extended trial, without a formal examination. *Women are admitted to all departments as day scholars.*

CLASSICAL COURSE

Candidates for the Freshman class are subject to examination in the following books or their equivalents:

LATIN.—Latin Grammar: three books of Cæsar's Gallic War; three books of Vergil's Aeneid; three orations of Cicero.

GREEK.—Greek Grammar complete; three books of the Anabasis; Jones' Prose Composition complete.

MATHEMATICS.—Arithmetic complete, including the Metric System; Elementary Algebra (Wells' Academic, through Quadratics, Robinson's complete, or Wentworth's to Chapter XVIII); Geometry, three books of Wentworth's or Phillips and Fisher's, or the equivalent in other authors.

ENGLISH.—In English the following books, recommended by the Association of Colleges and Preparatory Schools of the Middle States and Maryland, will be required:

For 1905, 1906 and 1907: Addison's *Sir Roger de Coverley Papers*; Irving's *Life of Goldsmith*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe* and *Lady of the Lake*; Tennyson's *Lancelot and Elaine* and *Passing of Arthur*; Lowell's *Vision of Sir Launfal*; George Elliot's *Silas Marner*.

The candidate will be required to present evidence of a general knowledge of the subject matter and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics designed to test the candidate's power of clear and accurate expression and will call for only a general knowledge of the substance of the books. Questions involving the essentials of English Grammar and the fundamental principles of Rhetoric will be part of the examination.

No candidate will be accepted in English whose work is notably deficient in spelling, punctuation, idiom, or division into paragraphs.

GEOGRAPHY AND HISTORY.—Modern Political Geography; History of the United States (the equivalent of Sheldon's); Essentials of Greek and Roman History.

SCIENTIFIC COURSE

Candidates for the Freshman class of the Scientific Course are subject to the same examination as for the Classical Course with the omission of the Greek. For this omission may be substituted one of the following:

I. PHYSIOGRAPHY.—(Elementary Physical Geography), BOTANY (Elements of systematic and structural departments), or ELEMENTARY PHYSICS.

II. HISTORY.—Histories of England and France (Montgomery is recommended).

SELECT COURSES.

Students not candidates for a degree are admitted to the privileges of the College and allowed to take special undergraduate studies, selected with the approval of the Faculty in such a manner as to secure the full and profitable employment of their time. Such special students undergo the examination necessary to ascertain their fitness for the proposed courses.

A candidate for advanced standing, in addition to the foregoing studies, is examined in the various books which the class he proposes to enter has studied.

An accurate and thorough acquaintance with the studies required for admission is indispensable, in order to receive the full advantage of the college course. Students imperfectly prepared for the class they enter are embarrassed in their future progress and are seldom able to make up their deficiency.

No one is admitted to the Senior class after the beginning of the second term.

TESTIMONIALS.—Satisfactory testimonials of good moral character are required, and students from other institutions must bring certificates of regular and honorable dismissal.

SUPERVISION AND DEVOTIONAL EXERCISES

The President and the Dean, residing on the Campus, have special supervision of the buildings and are at all times easily accessible to the students. The College seeks to secure the cooperation of each individual student in the preservation of good order and the attainment of a high standard of scholarship and manly conduct.

Prayers, with reading of the Scriptures and singing, conducted by the President or Chaplain, are attended daily at 7.40 A. M., on week days, in Brua Chapel. The devotional exercises of Sunday, beginning at 8 A. M., are extended to an hour by lectures on religious and Biblical subjects. At 10.30 A. M., all the students are required to attend public worship in the College Church, or in such other place of worship as their parents or guardians may designate by written request. Catechetical instruction is provided for those who desire it, and students are welcomed to other religious services in the churches of the town.

The Young Men's Christian Association of the College is an active agent in promoting religious interest among the students. Regular and special meetings for prayer are conducted by the members and classes for Bible study are formed. An annual course of lectures and musical entertainments under the same auspices adds much to the social enjoyment and culture of the college community.

INSTRUCTION

In the undergraduate courses each candidate for a degree must have sixteen exercises a week of required or elective work in recitations, lectures, or laboratory periods, besides the Biblical hour on Sunday and the gymnasium periods. Usually there are three exercises each day except Saturday, when there is commonly only one. Laboratory, drawing and surveying periods are each two and a half hours. A gymnasium period is one hour. A student in any of the special courses must have not less than eleven exercises a week.

RULES FOR THE CHOICE OF ELECTIVES

1. No student shall be allowed to pursue any elective study unless the instructor in the same is satisfied that the student is prepared to pursue said study.
2. The choice of electives shall be made at the beginning of the year, and no change shall be allowed during the year.

The following schedule presents a general view of the studies and hours of the various classes:

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9	Greek.	Latin.	Greek.	Latin.	Greek.	Latin.
	10 or 11	Elocution.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	
	2 or 3	French.	History.	French.	History.	Bible.	
SOPHOMORE	8 or 9	Latin.	Greek.	Latin.	Greek.	Latin.	Greek.
	10 or 11	German.	English.	English.	German.	English.	
	2 or 3	Mathematics.	Bible.	Mathematics.	Elocution. Botany.	Mathematics.	
JUNIOR.	8 or 9	English.	German.	Psychology.	Psychology.	English.	German.
	10 or 11	<i>Math.</i> 1 { <i>English.</i> 2 { <i>Chemistry.</i> 3 { <i>Biology.</i>	1 { Latin. 2 { <i>Latin.</i> 3 { <i>Bible.</i>	1 { Greek. 2 { <i>Greek.</i> 3 { <i>Bible.</i>	1 { Latin. 2 { <i>Latin.</i> 3 { <i>Bible.</i>	1 { Greek. 2 { <i>Greek.</i> 3 { <i>Bible.</i>	
	1 to 3	Chemistry	<i>Math.</i> 1 { <i>English.</i> 2 { <i>Chemistry.</i> 3 { <i>Biology.</i>	Chemistry.	<i>Math.</i> 1 { <i>English.</i> 2 { <i>Chemistry.</i> 3 { <i>Biology.</i>	Chemistry.	
SENIOR.	8 or 9	1 { Astronomy 2 { Theism. 3 {	Pol. Science.	1 { Astronomy. 2 { Theism. 3 {	Pol. Science.	1 { Astronomy. 2 { Theism. 3 {	Pol. Science. <i>Chemistry</i> (9). <i>Bible</i> (9)
	10 or 11	1 { Physics. 2 { Geology. 3 {	1 { Physics. 2 { Geology. 3 {	1 { Evid. Christ. 2 { Ethics. 3 {	1 { Evid. Christ. 2 { Ethics. 3 {	1 { Physics. 2 { Geology. 3 {	<i>Biology.</i>
	2 3 1 to 3	Pol. Science. <i>Sanit. Science.</i> <i>Chemistry.</i>	<i>Hebrew.</i> <i>Greek.</i> <i>Biology.</i> <i>Mineralogy.</i>	<i>German.</i> <i>Latin.</i> <i>Chemistry.</i>	<i>Hebrew.</i> <i>Greek.</i> <i>Biology.</i> <i>Mineralogy.</i>	<i>German.</i> <i>Latin.</i> <i>Chemistry.</i>	

Astronomy, one hour a week Observatory (night) work.
Math. Problems, two periods a week at convenience.

Italics indicate Elective Studies.

Numerals 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

CLASS.	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN.	8 or 9	Chemistry.	Latin.	Chemistry.	Latin.	Chemistry.	Latin.
	10 or 11	Elocution.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	
	2 or 3	French.	History.	French.	History.	Bible.	
SOPHOMORE	8 or 9	Latin.	Chemistry.	Latin.	Chemistry.	Latin.	Mech. Draw.
	10 or 11	German.	English.	English.	German.	English.	
	2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
JUNIOR.	8 or 9	English.	Surveying.	Psychology.	Psychology.	English.	German.
	10 or 11	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \end{array} \right.$	German.	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	Surveying (o).	$\left\{ \begin{array}{l} \text{Chemistry} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	
	3	Physics.					
SENIOR.	1 to 3	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	Chemistry.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	Chemistry.	
	8 or 9	$\left\{ \begin{array}{l} \text{Astronomy} \\ \text{Theism.} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy} \\ \text{Theism.} \end{array} \right.$	Pol. Science. Chemistry (o).
	10 or 11	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Evid. Christ.} \\ \text{Ethics.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Evid. Christ.} \\ \text{Ethics.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$	Biology.
	2	Pol. Science.	Hebrew.	German.	Hebrew.	German.	
	3	Sanit. Science.	Biology.	Chemistry.	Biology.	Chemistry.	
	1 to 3	Chemistry.	Mineralogy.		Mineralogy.		

Astronomy one hour a week Observatory (night) work.
Math. Problems, two periods a week at convenience.

Italics indicate Elective Studies.

Nos. 1, 2 and 3 before a subject, indicate the term during which the subject is studied.

DEPARTMENTS OF INSTRUCTION

PHILOSOPHY

President HEFELBOWER, Professors HIMES, KLINGER, and COOVER

1. *Psychology*. Mental phenomena are inductively treated, observed, classified and explained by being referred to their appropriate faculties and the conditions and laws of their production. Presentative and Representative knowledge, Thought and Intuition are successively considered and the processes by which the mind advances from a knowledge of individual objects to that of universals are traced. The fundamental relations and correlates involved in these processes are critically examined into, in connection with a discussion of the various theories of knowledge and tendencies of modern thought. Preparation is thus given for advanced courses in Psychology and Philosophy. A text book is used with such comment and criticism as encourage accurate and independent thinking.

Junior required course. Two hours a week throughout the year.

President HEFELBOWER.

2. *Logic*. Jevons' Lessons in Logic. The analysis of arguments, their reduction to syllogistic form and the detection of common fallacies are the practical results aimed at in the study.

Junior required course. Two hours a week during the second term.

Professor HIMES.

3. *Ethics*. The study includes a critical examination of ethical theories relating to the Nature of Right, the Ground of Right, the Rule of Right, the Province of Right and Conscience. The student is conducted through an examination of Utilitarianism and other rejected theories to an immutable basis for right in the nature of God. The history of the different ethical theories is traced through succeeding schools from Socrates to the modern evolutionist.

Senior required course. Two hours a week during the latter half of the year.

President HEFELBOWER.

4. *Rational Theism*. Students are required to present from memory the chief points of the text-book, and these are further

illustrated and impressed in conversation by additional points and illustrations. By cumulative reviews they are enabled to offer orally a pretty complete system of Natural Theology.

Senior required course. Three hours a week, third term.

Professor KLINGER.

5. *Christian Evidence*. Fisher's Theistic and Christian Belief. While opposing theories are duly considered, the argument for Christianity from Miracles is accepted and defended. This argument is supported by others derived from various sources, such as the fulfillment of Prophecy, the adaptedness of Christianity to the needs of human nature, the superiority of Christian Doctrine, and the benevolent fruits of the religion of Christ.

Senior required course. Two hours a week, the first half of the year.

Professor COOVER.

MATHEMATICS AND ASTRONOMY

Professor NIXON

1. *Geometry*. Plane (books fourth and fifth), solid and spherical. (Wentworth).

Freshman required course. Four hours a week the first term and one-third of the second term.

2. *Algebra*. Series; undetermined coefficients; binominal theorem; logarithms; determinants; theory of equations. (Wells.)

Freshman required course. Four hours a week during two-thirds of the second, and one-half of the third term.

3. *Trigonometry*. Trigonometric functions; right triangle; isosceles triangle; regular polygon; goniometry. (Wentworth.)

Freshman required course. Four hours a week, the last half of the third term.

4. *Trigonometry*. Oblique triangle; right spherical triangle; oblique spherical triangle; application of spherical trigonometry to the solution of astronomical and other problems. (Wentworth.)

Sophomore required course. Three hours a week, the first term.

5. *Plane Analytic Geometry*. Rectilinear, oblique and polar systems; relation between the rectilinear and polar systems; equations of the straight line; properties of rectilinear figures; circle; ellipse; hyperbola; tangents and normals; loci of the first and second order; higher plane loci; transcendental curves. (Hardy.)

Sophomore required course. Three hours a week during the second term and two-thirds of the third term.

6. *Surveying*. Practical use of instruments—compass, transit and level; plotting; computing areas; making profiles. (Wentworth.)

Sophomore required course. Three hours a week, the last third of the third term.

7. *Mechanical Drawing*. Geometrical construction; transcendental curves; section of the cone showing the ellipse, hyperbola and parabola; cylinders penetrating each other and the development of the same; isometric projections of solids; perspective.

Sophomore (Scientific) required course. One period a week during the year.

8. *Field Work in Surveying*. Use of the transit and level; rectangular surveying and use of transverse tables; triangulations; laying out curves; avoiding obstructions; leveling and setting grade stakes. (Carhart.)

Junior (Scientific) required course. Two hours a week during the first term and one-half of the third term.

9. *Mechanics* (Statics). Composition and resolution of forces; parallel forces; equilibrium of a rigid body acted on by three forces in a plane; centre of gravity; machines; work. (Loney.)

Junior (Scientific) required course. Two hours a week during the second term and half of the third term.

10. *Differential Calculus*. Differentiating expansion of series; maxima and minima; indeterminate forms; tangents and normals; asymptotes and singular points; theory of envelopes; radius of curvature; evolutes and involutes. (Newcomb.)

Junior elective course. Three hours a week, the first term.

11. *Integral Calculus*. Integration; definite integrals; successive integration; rectification of curves; quadrature of plane figures; cubature of volumes. (Newcomb.)

Junior elective course. Three hours a week, second term.

12. *Calculus*. Special topics.

Junior elective course. Three hours a week, third term.

13. *Astronomy*. The subject as treated by Young; different authors reviewed by members of the class. The students of this course have access to the Observatory, which is equipped with a chronometer, sextant, transit and equatorial.

Senior required course. Three hours a week during the first and second terms.

14. *Practical Astronomy*. The instruments used, besides the timepieces, are the sextant, transit and equatorial. Determination

of time, latitude and longitude; measurements of the diameters of planets and the distances of their satellites; measurements of the heights of mountains on the moon; measurements of double stars; calculation of eclipses; calculation of sunrise and sunset.

Senior elective course. One hour a week during the year.

15. *Mathematics*. Analytical Geometry of three dimensions; differential equations; Mechanics.

Senior elective course. Two hours a week during the year.

GREEK

Professor KLINGER

1. THE ORATORS. *Antiphon*, *Lysias* and *Isæus*. Representative selections are read and compared with distinct reference to the development of prose style. The abundant allusions in them to early Athenian life are made the basis for studies in Greek antiquities of the historic period. Blackboard drill in forms, the explanation of case, mood, and tense uses and the study of words are features of the recitation. Lectures on the conditions under which prose-writing originated and developed are given at stated periods. Prose composition, based on the text, twice each week.

Freshman (Classical) required course. Three hours a week, first and second terms.

2. THE HISTORIANS. *Thucydides*. Selections from the Peloponnesian War. The study of the text continues the syntactical analysis, the drill in forms, and the study of words in accordance with the principles of word-formation. Special attention is given to the subject matter, and the stirring times preceding the overthrow of the Athenian supremacy are depicted. Prose composition as before.

Freshman (Classical) required course. Three hours a week, third term.

Herodotus. Portions of the Persian War are read rapidly with particular attention to the subject-matter. The importance of the period calls for a review of history, and readings are assigned in Grote and other historians to be reported on by the students. The course comprehends lectures on the Greek dialects and advanced studies in the history of case, mood and tense development. Prose composition as before.

Sophomore (Classical) required course. Three hours a week, first term.

3. EPIC POETRY. *Homer*. The Iliad. (Full text required.) The study of the text is preceded by a course of dictated lectures which aim at setting forth the Homeric question in its latest phase. The Iliad is then interpreted as a piece of literature in harmony with the conclusion of the latest Homeric scholars. Special study is made of the epithets, and by frequent word-reviews from the blackboard an attempt is made to fix the vocabulary. Each student is required with the aid of Gehring's Index to develop one or more subjects in Homeric antiquities.

Sophomore (Classical) required course. Three hours a week, second and third terms.

4. THE ATTIC DRAMA. *Æschylus* and *Sophocles*. The entire Junior year is devoted to the study of the Attic Drama. The course contemplates by means of lectures and assigned readings a complete survey of ancient Tragedy and Comedy in their origin and development, and their relation to the modern stage. Lectures on the Greek Theatre precede the study of the text.

Junior (Classical) required course. Two hours a week, two terms.

Euripides or *Aristophanes*. The students are permitted to choose between these authors.

Junior elective course. Two hours a week, third term.

5. *Demosthenes*, *De Corona*. The study includes the age. The decadence of the Hellenic spirit, as shown in civic life, literature, and art, is traced with the class. The course is intended to include, as far as possible, a survey of Greek civilization.

Senior elective course. Two hours a week during one term.

6. *Plato* and *Pre-Socratic Thought*. The Protagoras and the Phædo are the texts studied. The leading doctrines of Plato are analyzed and their relation to modern thought is pointed out. A parallel course of lectures in Pre-Socratic Thought, based on the fragments found in Ritter & Preller's *Historia*, is given.

Senior elective course. Two hours a week, during second term.

7. *The Lyric Poets*. Tyler's "Selections." The course comprehends, along with the interpretation of the poems, the origin and development of lyric poetry and its relation to Greek literature in general.

Senior elective course. Two hours a week, third term.

LATIN

Professor BIKLE

Allen and Greenough's Latin Grammar and Harper's Latin Dictionary are recommended. The Roman method of pronunciation is used.

1. *Livy*. Selections from book I, and the Hannibalian War in Books XXI and XXII. Special attention is given to syntax and Livy's peculiarities of style. Roman History down to 200 B. C. is studied with care.

Freshman required course. Three times a week during the first term.

2. *Horace*. Odes, including a critical interpretation, and with special attention to Latin Prosody and the mythological and historical allusions of the text. Berens' Hand-book of Mythology is recommended.

Freshman required course. Three hours a week, second term.

During one or more terms of the Freshman year in connection with the reading of the Latin text, there will be drill in Latin Prose Composition, embracing a rapid review of Latin syntax, with oral and written practice in the principles involved.

3. *Cicero*. De Senectute, or De Amicitia. Drill in syntax, especially of the Latin subjunctive mode. Training, also, in reading Latin with expression.

Freshman required course. Three hours a week, third term.

4. *Tacitus*. Annals or Agricola. A study of the history of the times along with the reading of the text.

Sophomore required course. Three hours a week, first term.

5. *Horace*. Satires and Ars Poetica. After reading some selected satires, the Ars Poetica is read and each student is required to prepare in writing an analysis of the poem.

Sophomore required course. Three hours a week, second term.

6. *Cicero* and *Pliny*. Letters, with numerous exercises in sight reading.

Sophomore required course. Three hours a week, third term.

7. *Quintilian*. Tenth Book. With summary and classification of the Greek and Roman authors. Informal lectures on Roman Literature.

Junior (Classical) required course. Two hours a week, first term.

8. *Juvenal*. Satires. With full explanations, and study of the private and social life of the Romans, followed by a short course in Roman Antiquities.

Junior (Classical) course, required the second term, elective the third. Two hours a week, both terms.

9. *Terence* or *Plautus*. The *Andria* of Terence or *Captivi* of Plautus. The *Dramatis Personæ* are assigned to special members of the class and the parts rendered both in Latin and in English.

Senior elective course. Two hours a week, third term.

10. *Latin Literature*. A course of lectures embracing a general survey of the whole field, and aiming to trace the rise and subsequent development of the various kinds of prose and verse among the Romans, and to portray the several periods of the literature in the light of the changing conditions under which the development took place; or

Roman History. A course of lectures covering the period from 200 B. C. to 200 A. D.

Senior elective course. Two hours a week for eight weeks, second term.

ENGLISH

Professors HIMES, BIKLE and KLINGER

1. *Rhetoric*. Genung's Working Principles of Rhetoric. The rules of the text-book are impressed by requiring each student to furnish illustrations of them from his own reading in everyday literature. The inventive faculty is trained by the assignment of themes to be thought upon in the class-room. The results are then compared, discussed and arranged within the recitation hour. Descriptive, narrative, expository and argumentative themes are also assigned in turn for the weekly exercises in composition.

Sophomore required course. Three hours a week, first term.

2. *English* and *American Literature*. These subjects are given in outline with text-books mainly for reference.

Sophomore required course. Three hours a week, third term.

3. *Shakespeare*. Five or six plays are studied, the principal characters are analyzed and the most important and suggestive passages are read and interpreted before the class. The writing of dialogue is practiced.

Junior required course. Two hours a week, first term.

4. *Milton*. Four or five books of the *Paradise Lost* are studied; the views of many commentators are examined and compared.

Milton's conception of the material and spiritual universe is set forth and elucidated.

Junior required course. Two hours a week, third term.

5. *Anglo-Saxon*. The translation of easy prose is begun at the second or third recitation in this subject and sight reading is undertaken after four or five weeks. About five hundred lines of the poetry of Beowulf or Cædmon and other writings are read in the latter half of the term. Comparative Philology receives considerable attention in connection with this subject.

Junior elective course. Three hours a week, first term.

6. *Middle English*. Chaucer, or Old English Ballads. This study is intended to acquaint the student with the old forms of English. Connected with the recitations are brief talks on the structure, classification and development of languages and especially on word building.

Junior elective course. Three hours a week for six weeks, second term.

7. *Tennyson or Browning*. A number of the more important poems are read, the plan and the development of the thought are traced, and obscure expressions interpreted.

Junior elective course. Three hours a week for six weeks, second term.

1-7 Professor HIMES.

8. *Essays*. Two essays each term are submitted for examination and criticism. Special care is taken to secure originality of work, as well as clearness of thought and grace of diction. In order to cultivate a ready faculty in composition, exercises in impromptu essay writing are practiced at stated times.

Required course for the three terms of Freshman year.

Professor KLINGER.

9. *Elocution*. Two declamations are required each term and are expected to exemplify the principles acquired in the hours devoted to technical study of elocution. These principles are inculcated by comment and criticism in connection with the speaking.

Required course. One hour a week during the whole of the Freshman year.

Professor BIKLE.

10. *Writing and Speaking*. The preparation of declamations, essays, orations, and debates is continued from the beginning of the Sophomore onward to the end of the Senior year. Sometimes a subject is assigned to each member of the class with the require-

ment to present a discussion first in outline, then amplified. To secure greater carefulness on the part of the student, the written work is commonly read privately and criticised by the instructor:

Professor HIMES.

FRENCH AND GERMAN

Professor DRYDEN

FRENCH. Whitney's Brief French Grammar with Lessons and Exercises is used during the first term, and, in connection with Aldrich and Foster's French Reader, during the second term of Freshman year. The third term is devoted to reading and special drill in syntax.

Freshman required course. Two hours a week throughout the year.

GERMAN. 1. Whitney's Brief German Grammar is used during one and one-half terms of Sophomore, and is followed with reading and exercises in Guerber's *Märchen und Erzählungen*. During the third term some simple German text is read, such as Storm's *Immensee*, Heyse's *Das Maedschen von Treppi*, or Zschokke's *Der Zerbrochene Krug*, and Thomas' Grammar is studied.

Sophomore required course. Two hours a week throughout the year.

2. During the Junior year a more difficult grade of German is read, such as Schiller's *Wilhelm Tell*, Baumbach's *Schwiegersonn* or Bernhardt's *Novelletten-Bibliothek*, and the advanced portions of Thomas' Grammar are studied. Harris' Prose Composition is used during the entire year, and this, with the text read, forms the foundation for drill in syntax.

Junior required course. Two hours a week throughout the year.

3. Goethe's *Hermann und Dorothea* and Prehn's *Journalistic German* are read in the Senior year and Tennyson's *Dora* and Longfellow's *Evangeline* furnish materials for prose composition. Drill in syntax continues.

Senior required course. Two hours a week throughout the year.

During the Junior and Senior years opportunity is given students to acquire a conversational control of the German language by voluntary work in a *Deutsche Gesellschaft*, organized and controlled by the students, but conducted by the professor of German.

Heath's, Whitney's, Adler's and Fluegel's dictionaries are recommended; the last mentioned is the best.

HISTORY, POLITICAL SCIENCE AND LAW

Professors HIMES, BIKLE and DRYDEN

1. *European History*. Myers' Mediæval and Modern History. Freshman required course. Two hours a week throughout the year. Professor DRYDEN.

2. *American Political History*. Johnston's American Politics with references to Von Holst's Constitutional History, Schouler's History of the United States (1783-1865), Blaine's Twenty Years in Congress (1861-1881), McPherson's Hand-book.

Sophomore required course. Three hours a week, second term.

3. *Political Economy*. Seager's Introduction to Economics. The theories of the text-book are brought, as often as possible, to the test of the student's personal observation and the true nature of the science is thus impressed. Problems for investigation are assigned to the members of the class, with direction to inquire into actual industrial and social conditions and operations.

Senior required course. Three hours a week for twelve weeks of the first term.

4. *Lectures on Money and Banking*. Theories of money and credit are examined in connection with a rapid survey of the monetary history of the United States. Particular attention is given to present conditions and tendencies.

Senior required course. Ten or twelve hours.

5. *International Law*. Lawrence's International Law. Occasional lectures on special topics, such as the prominent features in American diplomacy.

Senior required course. Three hours a week for the last twenty weeks of the year.

6. *Science of Government*. Bryce's American Commonwealth is used as a text-book. Free criticism of the author's views is encouraged; National and State constitutions are examined. The annual Presidential Message is studied and discussed.

Senior elective course. One hour a week, throughout the year.

2-6 Professor HIMES.

7. *Roman Law*. Morey's Outlines. After a careful study of the text-book, an essay is required from each member of the class on a subject assigned for special investigation.

Senior elective course. Two hours a week during the first term.

Professor BIKLE.

CHEMISTRY

Professor BREIDENBAUGH and Mr. STOVER

1. *Elementary Inorganic Chemistry*. Lectures, laboratory work, quizzes and examinations. The student is expected, in addition to the outline of work provided, to have some approved reference book on Chemistry. This course covers the general principles of Chemistry with a study of the elements and their compounds. As far as time permits, attention is given to elementary Qualitative Analysis.

Junior (Classical) required course. Three periods a week throughout the year.

2. *Elementary Inorganic Chemistry*. Lectures, laboratory work and quizzes based on Remsen's Chemistry.

Freshman (Scientific) required course. Three periods a week throughout the year.

3. *Qualitative Analysis*. Lectures and quizzes on reactions and methods accompany the laboratory work.

Required (Scientific) course. Two periods a week throughout the Sophomore and five periods the first term of Junior.

4. *Quantitative Analysis*. The first term is occupied with determinations of definite compounds, the second with mineral analysis.

Junior (Scientific) required course. Five periods a week during the second and third terms.

5. *Organic Chemistry*. Lectures, text-book work and quizzes illustrated in the laboratory

Junior (Scientific) elective course. Three periods a week during the first and second terms. Also open as an elective to Seniors in the Classical course.

6. *Qualitative Analysis*. Similar to course 3.

Senior (Classical) elective course. Two to four periods a week throughout the year.

7. *Special Analytical Methods*. Water, milk, sugar, etc.

Senior (Scientific) elective course. Two to four periods a week throughout the year.

GEOLOGY AND MINERALOGY

Professor BREIDENBAUGH

1. *Geology*. Lectures, with reading references, principally to the works of Dana and LeConte, accompanied by quizzes and topical examinations. Each student is required to write at least one paper illustrating, from his own observations, the principles in inorganic Geology.

Senior required course. Three hours a week during the second and third terms.

2. *Mineralogy*. The crystal form and physical properties of minerals are studied by means of the mineralogical collection. Afterwards each student is required to determine at least twenty-five minerals by their blowpipe characteristics. This is followed by a brief course in Lithology and topographical Geology.

Senior elective course. Two periods a week throughout the year.

Physics. The principal facts in the various topics are discussed by lectures and reading references, with quizzes, examinations and the preparation of papers in which the student illustrates from familiar examples the subjects presented in the class room.

Required course. Three hours a week during the third term of Junior and the first term of Senior.

Botany. Class and field work in Systematic Botany. Each student is required to determine and mount specimens of at least fifty species of Phaenogams.

Sophomore required course. One period a week during the second half of the year.

BIOLOGY

Professor STAHLEY

This course extends as an elective through the Junior and Senior years. It is offered either to the classical, scientific or special course students. It aims to teach fundamental principles in the various branches which it includes.

The course is calculated to interest and profit any student of nature, whatever his future calling is expected to be. Those of our graduates, who during their course, have taken the biological studies here indicated, along with chemistry and physics, are admitted to the second year class of some of our best medical schools.

The course of either of the two years is sufficiently complete to

make it profitable for the student to take up the work of any one year to the exclusion of the other, if limitations in time or means compel such an abbreviation. If other electives appeal stronger to him during his Junior year, it will not be too late, as a Senior, then to pursue either the first or second year's biological branches.

The work is carried on by lectures, demonstrations, quizzes, dissections, drawings, note taking on work done and stated written examinations. There is a well-lighted laboratory, provided with all needed instruments and apparatus, such as microscopes, microtomes, paraffine bath, incubator, etc. The branches are pursued in the following order:

JUNIOR YEAR

1. *General Biology*. Three periods a week for ten weeks. This branch acquaints the student with microscopic technique and general laboratory methods, whilst he studies selected types of plants and animals taken from the lower forms of life, as these are best adapted to demonstrate essential characteristics. The purpose is to ascertain fundamental facts of structure and life processes, with the significant relationships in the two great kingdoms of organic nature.

2. *Zoology*. Three periods a week for ten weeks.

This continues the study of animal life and traces the forms in the order of their increasing complexity. A number of morphological types are dissected, thus affording an acquaintance with all the great phyla of animals, in both the vertebrate and the invertebrate series. The principles of comparative morphology and physiology are particularly emphasized and relationships are traced.

3. *Mammalian Anatomy*. Three periods a week for six weeks, followed by two periods a week for eleven weeks.

Here the mammalian type of animals is considered. The domestic Cat as a convenient example of a high-type mammal offers advantages for the detailed study of bones, muscles, blood vessels, brain and nerves.

SENIOR YEAR

4. *Human Anatomy and Physiology*. Three periods a week for twenty weeks.

Special attention is given to osteology, joints, ligaments and muscles. The separate parts of the skeleton, including a disarticulated cranium. Tramond's preparations, consisting of real bony

joints, with accurately placed artificial ligaments, and Azou's dissectable manikin, provide ample facilities for this part of the work. In this, as in the other animal branches of the course, physiological processes are constantly discussed.

5. *Mammalian Histology.* Three periods a week for nine weeks. With the aid of prepared microscopic slides, the student draws and studies the minute anatomy of the different tissues of the body, with their relationships in the different organs. Further than this he learns practically how to fix, harden, imbed, section, stain and mount the important tissues. A knowledge of practical methods in histological work is thus acquired.

6. *Embryology.* Three periods a week for eight weeks.

The principles of maturation and fertilization of the germ elements are considered. The stages of segmentation are observed in the ova of the Frog and Fish. The development of the Chick is studied. Entire mounts are made, as well as mounts of serial sections of the incubating egg, from the first hour of incubation to the fifth day, when the organs are practically all formed. This branch constitutes a fitting close of the course, as it exhibits the steps in the development of the individual animal, and also epitomizes the history of the animal kingdom in general.

PHYSICAL CULTURE AND HYGIENE

Professor STAHLEY

1. *Sanitary Science.* Lectures. House, municipal, state and national sanitation in their varied and rapidly developing new features are dwelt upon with the idea of furnishing a comprehensive yet intelligent outline of the subject.

Senior elective course. One hour a week throughout the year.

2. *Physical Culture.* This end is sought under medical guidance in the Gymnasium during the college year from November 1 to May 1. A physical examination of each student is made when he enters college and such kinds of gymnastic exercises are prescribed as seem indicated. The purpose is to encourage the promotion of health and physical vigor as necessary for successful mental application. Since much harm is often done by injudicious physical exercise, special effort is made to advise those who are suffering from defective bodily conditions how they may be helped by hygienic methods and the selection of forms of exercise particularly suited to their case.

BIBLICAL DEPARTMENT

Professor COOVER

1. *Old Testament History.* The books of Exodus, Numbers and Joshua furnish the material to be mastered, which is the story of Israel from the departure out of Egypt through the wanderings in the wilderness, to the entrance into Canaan and the conquest of its inhabitants. In connection with the Scripture text a manual of biblical geography and history is used.

Freshman required course. One hour a week throughout the year.

2. *Old Testament History.* Jewish history from the establishment of the Monarchy to the Division of the Kingdom. The biblical material is found in Samuel and Kings; the geographical and historical manual is continued.

Sophomore required course. One hour a week throughout the year.

3. *Biblical Study.* (a) Any part of the Old Testament the class may prefer. (b) The Gospel of Luke in Greek.

Junior elective course. Four hours a week during the third term,

4. *New Testament Study.* The privilege of selecting the books to be studied is accorded to the class. The Gospel of Luke has been chosen this year.

Senior elective course. One hour weekly throughout the year.

5. *Hebrew.* Harper's "Method and Manual" and "Elements of Hebrew." The method adopted in these books is the Inductive and has been found well suited to its purpose.

Senior elective course. Two hours a week throughout the year.

GENERAL COLLEGE ORDERS

EXAMINATIONS

Examinations are held at the close of each term, or when a subject is finished. When a student is unavoidably absent from this examination, and his absence is excused by the Faculty, he is examined, at the discretion of the Faculty, either before leaving, or at the opening of the following term before entering his name on the roll of his class.

If a student be absent for some time from the Institution, he must, on re-entering, sustain an examination upon the studies to which his class has attended during his absence.

RECORDS

A careful record of the attendance, scholarship and conduct of each student is kept; a general statement of which record is transmitted to parents or guardians at the close of each term.

DEGREES

To members of the graduating class in full and regular standing diplomas are granted, conferring in the Classical Course the degree of *Bachelor of Arts*, and in the Scientific Course the degree of *Bachelor of Science*.

The degree of *Master of Arts* and *Master of Science*, according to the previously received Bachelor degree, is conferred, in course, on Bachelors of three or more years' standing, provided all applicants for this degree make application therefor to the Faculty, in writing, at least one week before the annual Commencement.

TERMS AND VACATIONS

The annual Commencement is held this year on the second Wednesday of June. Regularly the first term begins on the second Thursday of September, and continues fourteen weeks; the second term begins two weeks after the close of the first term, and continues twelve weeks; the third term begins one week after the close of the second, and continues eleven weeks, until the day of the annual Commencement. The intervening periods of approximately two, one and thirteen weeks are devoted to the vacations.

It is highly important for students to be punctual in entering upon their duties at the beginning of the term.

Unexcused absences from recitations are counted as zeros upon the grades.

The attention of parents and guardians is especially called to the fact that absences from recitations, whether at the opening of terms, or at other times, are not excused except for sickness or imperative necessity.

EXPENSES

The necessary expenses of the collegiate year, exclusive of books, clothing, furniture and traveling expenses, are as follows for each student:

		MINIMUM	MEDIUM	VERYLIBERAL
Board for 37 weeks,		\$70 00	\$90 00	\$111 00
First term,	{ Tuition, \$12 00 } { Gen. Exp. 8 00 }	20 00	20 00	20 00
Second term,	{ Tuition, \$9 00 } { Gen. Exp. 6 00 }	15 00	15 00	15 00
Third term,	{ Tuition, \$9 00 } { Gen. Exp. 6 00 }	15 00	15 00	15 00
Room rent and heat (half room),		12 50	40 00	62 50
Gymnasium Fee,		6 00	6 00	6 00
Washing,		12 00	12 00	12 00
Total,	- - -	\$150.50	\$198.00	\$241.50

Board may be secured at prices varying from \$7.25 to \$10.00 a month in clubs; and from \$10.00 to \$12.00 in boarding houses. The average price paid in recent years has been about \$10.00.

A fee of \$1.50 a term for contingent expenses is charged to students not rooming in college buildings.

All members of the Senior class, upon their entrance on the last session of their course of study, pay to the Treasurer, with their college bills, an extra fee of \$5, which is refunded in case of failure to graduate.

CHEMICAL LABORATORY CHARGES

Students in the Scientific Course are charged a term fee of \$5.00 for the use of chemicals and general apparatus. Glassware and other apparatus of individual use are supplied at cost prices, each person being charged with each article received and credited with the same on its return in good condition. The expense for this item in the first outfit has been about \$7.00, after which, with proper care, it need not exceed \$1.50 a term. Students in general Chemistry pay, for the course, a desk fee of \$10.00 for the use of chemicals and apparatus, and the cost price for all articles broken; this need not exceed \$1.00 a term. The fee for supplies in elective Mineralogy is \$1.50.

A fee of \$4.00 a term is charged in the biological department for the use of material and apparatus.

Parents and guardians may intrust funds for students to any member of the Faculty, and the funds will be applied as may be required.

Tuition and other college dues for each term must, in all cases, be paid in advance. No student will be allowed to recite with his class until he has shown the Professor a receipt from the College Treasurer, or a note stating that he has made some satisfactory arrangement with the Treasurer.

ROOMS AND HEATING

Students are required to lodge in the College dormitories, special cases excepted.

Unless all the available rooms of the college are occupied, there is no remission of the charge for room rent, except to students whose parents reside in town.

Rooms becoming vacant can be assigned at any time, preference being given according to class, to be occupied after the removal of the former occupant, and, if the person to whom the rooms are assigned should desire, the furniture in them shall be removed.

The charges for room rent and steam heat for the several rooms, given below, are for full use of the room; if two students occupy a room they divide the expenses. The annual charge is given first, and in parenthesis the division of this charge between the first, second and third terms of the collegiate year. E—East Division, M—Middle Division, and W—West Division, S—South College.

At \$25.00 (8.50, 10.75, 5.75): 4, 6, 8 E; 1 M, 4, 6 W.

At \$28.00 (9.50, 11.75, 6.75): 5, 7, 9 E; 5, 7 W.

At \$33.50 (11.00, 13.75, 8.75): 14, 15, 16, 17, 18, 19, 24, 25, 26, 27, 28, 29, 34, 35, 36, 37, 38, 39, E; 6, 11, 16, 19, 21, M; 12, 13, 14, 15, 20, 21, 22, 23, 28, 29, 30, 31, W.

At \$38.00 (13.00, 15.25, 9.75): 1, 3, E; 2, M; 1, 3, W.

At \$40.00 (14.00, 16.00, 10.00): 22, 23, 24, 25, 30, 31, 32, 33, S.

At \$42.50 (14.50, 16.75, 11.25): 10, 11, 12, 13, 20, 21, 22, 23, 30, 31, 32, 33, E; 3, 4, 5, M; 8, 9, 10, 11, 16, 17, 18, 19, 24, 25, 26, 27, W.

At \$44.75 (15.50, 18.00, 11.25): 9, 17, 22, M.

At \$45.00 (15.00, 18.00, 12.00): 26, 27, 28, 29, S.

At \$50.00 (17.00, 20.00, 13.00): 20, 21, 34, 35, S.

At \$53.00 (19.00, 20.75, 13.25): 8, 10, 12, 14, 18, 20, M.

At \$75.00 (26.00, 29.00, 20.00): 1, 2, 3, 4, 5, 6, 7, 8, S.

At \$90.00 (32.00, 36.00, 22.00): 10 and 12, 11 and 13, 15 and 17, 16 and 18, S—suites of two.

At \$125.00 (43.00, 50.00, 32.00): 9, 19, S—suites of three.

Rooms 3, 4, 5, 8, 10, 12, 14, 18 and 20, M, include a large study and a good sized bed room. Even numbers, except 22, are on the north side of the building.

GRADUATE COURSES

Provision is made for those who desire to pursue a graduate course of study leading to the degree of *Doctor of Philosophy*, on the following conditions:

1. Only those who have received Bachelor degrees equivalent to those given in this College, are eligible candidates.

2. The studies must be pursued under the direction of the Faculty. At least one year's residence in the case of graduates of this Institution and two years' residence in the case of graduates from other institutions will be required. Residence during which professional studies are also being pursued will not be accepted.

3. In the case of non-residents, reports of progress must be made to the Professors in charge of the department in which studies are being pursued, and examinations will be made in such manner and as frequently as the Professors may direct.

4. Not less than three years' work will be required.

5. At the close of the course a satisfactory thesis showing evidence of original investigation must be submitted.

6. The following subjects are open for selection. Each applicant must select one as a major subject and two as minor subjects. Those marked (*min.*) can be chosen only as minor subjects:

Psychology; Moral Science; Natural Theology (*min.*); Evidences of Christianity (*min.*); Greek; Latin; German; French; English Literature; History; Political and Social Science; Mathematics; Chemistry; Mineralogy (*min.*); Geology; Botany (*min.*); Physics and Astronomy.

7. A registration fee of \$25 is charged at the beginning and an examination fee of \$50 at the end of the course.

8. Failure to report progress for examination during as long a period as two years will cause the name of the candidate to be dropped from the printed list.

EQUIPMENT

MUSEUM

The museum contains varied collections of fauna and flora and minerals, all of which are freely used in instruction. The Mineralogical Cabinet contains over 6,000 specimens, including not only very full suits of the more common and more important minerals but also good specimens of many of the rarer minerals. The collection in Lithology numbering 3,000 specimens and of iron in Metallurgy have, by recent additions, become fairly representative in the most important departments of these sciences. The Botanical Collection of 6,000 specimens, mainly presented by Miss Elizabeth C. Morris, of Germantown, Pa., is well arranged and contains a full representation of American Flora. A beginning has been made of a Chemical Museum—to contain specimens of raw and manufactured materials in chemical industries. Friends of our Institution can greatly aid us by additions to these collections.

LITERARY SOCIETIES

Two literary societies are connected with the College, the Phrenakosmian and the Philomathæan. These exert a favorable influence in the intellectual and social culture of their members. The exercises consist of music, essays, orations and debates. The practical acquaintance with parliamentary law here formed makes these societies the best schools for free citizenship. The halls occupy two wings on the third story of the Recitation Hall, and are conveniently and handsomely furnished. Their sessions are held every Friday evening.

A reading room, managed by these societies and the Y. M. C. A., contains a great variety of periodical literature.

LIBRARIES

The College Library, to which all students have access without charge, contains many works of reference. During term time the Library is open for consultation and the drawing of books four hours each week day, except on Saturday when it is open for two hours.

The income of a fund invested for the purpose provides for frequent additions of the best publications.

The Libraries of the Literary Societies comprise a large number of well selected and standard volumes, which are annually increased through the income of separate funds.

These libraries are accessible to the members of the societies under their respective regulations, and are open for the issue of books on Wednesday at 4 P. M. and Saturday at 10 A. M. during term time. They are in the same hall with the College Library. In addition to several thousand partly classified but unbound pamphlets

The College Library contains	14,422	volumes
The Philomathæan Library contains	6,530	"
The Phrenakosmian Library contains	5,624	"
Total,	26,576	"

SCHOLARSHIPS

A number of permanent scholarships, securing free tuition, have been endowed and are under the control of synods, congregations, or individuals. C. W. Thompson, Esq., of Lancaster, has established a scholarship for the purpose of giving the benefit of a collegiate education to

the most successful and indigent pupil who shall pass through the prescribed course in the High School of Gettysburg.

PRIZES

MUHLENBERG FRESHMAN PRIZE.—The interest of a fund of five hundred dollars, contributed by Prof. F. A. Muhlenberg, D. D., LL. D., is given at the close of the year to that member of the Freshman class who, upon examination, is found to have attained the highest degree of scholarship in the studies of the Classical course.

BAUM MATHEMATICAL PRIZE.—Charles Baum, M. D., Ph. D., of Philadelphia, has contributed five hundred dollars, the income from which is to be given annually to that member of the Sophomore class who shows the greatest proficiency in Mathematics.

HASSLER LATIN PRIZE.—Mr. Charles W. Hassler has furnished a fund, the interest of which is annually expended for the purchase of a Gold Medal, to be presented to the student of the Junior class, who, at the end of the year, shall be the best Latin scholar.

REDDIG ORATORICAL PRIZE.—Mr. Clarence Jacob Reddig, of Shippensburg, contributes annually the sum of twenty-five dollars as an Oratorical Prize, to be contended for in public by the Junior class, on Tuesday of Commencement week.

GRAEFF PRIZE.—This prize was founded by Mr. John E. Graeff, of Philadelphia. The sum of \$30 is awarded for the best English essay from the Senior class, on a subject previously assigned. The decision is made by a

committee appointed by the Professor of English Literature.

GIES PRIZES IN DEBATE.—William J. Gies, Ph. D., professor in Columbia University, offers through the Pen and Sword Society three prizes of \$36, \$24, and \$15, respectively for the encouragement of skill in Debating. The first contest takes place about the middle of November between teams chosen by the Freshman and Sophomore classes, respectively, and the winning team is rewarded with \$15. The second contest, between the winning team and a team from the Junior class, takes place about the middle of March, with \$24 to the winners. The third contest, between the second victors and a team from the Senior class takes place about the middle of May, with a reward of \$36 to the winners. Winners of the first prize are excluded from further competition.

PEN AND SWORD SOCIETY PRIZES.—Two prizes of \$15 and \$10, respectively, are offered by the Pen and Sword Society for the most acceptable contributions during the year 1905-6 to the *Mercury*, the literary magazine of the College. Stories, poetry, essays and other forms of composition may be submitted.

PITTSBURG PRIZE IN CHEMISTRY.—The Pittsburg-Gettysburg Club have established a prize of \$25, to be given to the student who does the best work in Chemistry during the Junior year of the Scientific Course.

Students in special courses are not admitted to competition for any of the foregoing prizes.

BUILDINGS

PENNSYLVANIA HALL, erected in 1836-38, was remodeled and improved in 1889. It contains eighty six rooms for students, many of them *en suite*, so that those who may wish to do so can have separate study and sleeping rooms. In this building are the reading rooms of the Literary Societies and the large room used by the College Y. M. C. A. These rooms are heated by steam, and water pipes connected with the town system of water works are on the first floor.

SOUTH COLLEGE, erected in 1897, is a building of three stories containing rooms for about fifty students. It is finished entirely in hard wood, is heated with steam, has hot and cold water on each floor and lavatories in convenient places. The first floor has eight rooms, each with open fire places, tile hearth and spacious closets. These rooms may be used by one or two occupants, as preferred. On the second floor all rooms are *en suite*, each suite consisting of a study with one bedroom or two. These are also provided with hearths, closets, etc. The third floor is divided into sixteen single rooms.

THE RECITATION HALL, erected in 1888-89, is used for general college purposes. On the first floor are the library room and office, the President's office, the reception room, and recitation rooms. The second floor has recitation rooms and a biological laboratory. The third floor has in the front centre a large museum room with valuable collections. In the rear centre are a mineralogical laboratory and suite of rooms fitted up for use as an infirmary, if they should be needed. In the north wing, is the hall of the Philomathæan Society, in the south wing the hall of the Phrena-

kosmian Society. In the basement are rooms designed for a physical laboratory.

THE BRUA MEMORIAL CHAPEL, erected in 1889-90, is the gift of the late Col. John P. Brua, U. S. A., as a memorial to his parents. This building is used for morning prayers, for Commencement exercises, lectures and other occasions requiring a large audience room.

THE CHEMICAL LABORATORY is a frame building, erected in 1872 and in 1890 converted to its present use. It contains on one floor a large lecture room, an office, store rooms, chemical room, balance room, and two laboratories—one for general chemistry, with desk room for forty-eight students, the other for analytical chemistry, with desk room for forty-eight students. The building is fitted with the most approved appliances; gas and water at each desk; there are ample hoods, a water distilling apparatus and large sand bath, and other necessary apparatus. The balance room contains balances set on walls especially built for them. In the basement are an assay room and a store room.

THE ASTRONOMICAL OBSERVATORY, erected in 1875, is furnished with an achromatic telescope, having an object glass of six and one-half inches, with a transit instrument, chronometer, and other appliances.

THE GYMNASIUM has on the first floor ample dressing rooms and bathing facilities, and a base ball cage. On the second, or main floor, a class of sixty members can be accommodated for gymnastic drill. The selection of specialized apparatus in light and heavy gymnastics is varied and complete. The Professor's office, where all

the physical tests and measurements are taken, is also on this floor, and is furnished with a full set of anthropometric apparatus.

On the gallery there is a first-class "Roberts' patent" running track with seating accommodation for visitors.

The gymnasium is open at stated times every afternoon and evening and Saturday all day, aggregating twenty-four hours each week, apportioned between regular class practice and general practice.

Athletic sports are encouraged, but under such regulations, as it is believed, prevent them from becoming a source of demoralization to the students, or interfering with the legitimate work of the Institution. A student who has not first secured the permission of his parents is not allowed to engage in any public contest.

ATHLETIC FIELD. Immediately north of the college buildings is the athletic field, which is carefully graded and securely inclosed, and covers an area of over four acres. It affords room and facilities for all kinds of outdoor sports.

THE BOILER HOUSE supplies the steam required for heating all the college buildings, and has capacity for more.

Besides these buildings there are on the campus the President's house, a double house for Professors, and four halls erected by Greek Letter Societies.

A fair valuation of the several buildings is:

Pennsylvania Hall,.....	\$38,000
South College,.....	20,000
Gymnasium,	14,000
Stevens Hall,.....	20,000

Chemical Laboratory,.....	10,000
Observatory,	3,500
Recitation Hall,.....	86,000
Brua Chapel,.....	19,000
Other buildings, not including fraternity halls,	14,000
Steam and water plants,.....	25,000
	<hr/>
	\$249,500

In addition, the libraries, scientific apparatus, scientific collections and furniture are worth at least \$75,000. These estimates do not include the value of the improved campus.

NEEDS OF THE COLLEGE

The friends of the college may desire information as to its most pressing needs. Provision should be made for additional teaching force and apparatus in the following departments:

The Department of Physics.

The Department of Biology.

The Department of Applied Mathematics.

The Department of Philosophy and History.

The Department of Rhetoric and Elocution.

The Library Fund and the General Endowment Fund should be increased.

GENERAL ALUMNI ASSOCIATION

The Alumni Association of Pennsylvania College holds its regular annual meeting on Tuesday evening of Commencement Week. In 1876 the Board of Trustees granted the Association the privilege of nominating six of their number to membership in the Board, to fill alternate vacancies till the whole number is secured.

The officers of the association are: President, Hon. Harry M. Clabaugh, class of '77; Vice Presidents, Samuel S. Neely, Esq. '85; Frank G. Turner, Esq., '93; Jacob J. Weaver, M. D., '67; Secretary, Prof. M. Coover, class of '87; Treasurer, Mr. H. C. Picking, class of '79.

COLLEGE PERIODICALS

The *College Mercury*, published monthly in term time under the control of the Literary Societies, is a literary journal sustained by the contributions of students and alumni. *The Gettysburgian*, under the private control of students, is published weekly and makes a specialty of college and town news. *The Spectrum*, an annual publication of the Junior class, contains pictorial representations of the College with its various organizations and surroundings as well as useful statistics about students and alumni. All aim at enlarging the means of communication between the College and its graduates, former students and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the Institution.


CONTINGENT FUND

Under the recommendations of the various Synods, the congregations on the territory of Pennsylvania College several years ago began a plan of taking up, on the Day of Prayer for Colleges, a special collection for the contingent expenses of the College. The money thus collected has been spent largely in improving the campus.

The attention of School-boards and others desiring teachers is called to the fact that it is frequently in the power of the Faculty to recommend suitable persons. Many graduates are successfully filling important positions in public and private institutions.

FORM OF BEQUEST

I give, bequeath and devise to "The Trustees of Pennsylvania College, of Gettysburg, in the County of Adams," in the State of Pennsylvania, and their successors and assigns forever, the sum of——(or shares in the bank of——, or any other personal property or real estate, as the case may be), to be applied to the Endowment Fund of the Institution.

 *A bequest to a benevolent corporation, to be legal, must be made at least 30 days before the death of the Testator, in Pennsylvania, and 60 days in New York.*

PREPARATORY DEPARTMENT

AIM OF THE DEPARTMENT

Stevens Hall is located within two minutes' walk from Pennsylvania College. The object of its foundation, which the school has steadily kept in view, was to present to the public AN ACADEMY UNDER THE CONTROL OF COLLEGE AUTHORITIES. The advantages of such a combination are obvious. To students who desire to prepare for college it offers a course of preparatory instruction under the eyes of their future Professors and in the line of the college requirements. The school, being open at all times to visits from instructors in the College, and receiving from time to time their counsel, is able to give to those students who desire it just that preparatory study and drill which will lead to the most profitable and creditable work in the college classes. Time is concentrated upon the studies in which it is needed, and STUDENTS WHO HAVE SATISFIED THE REQUIREMENTS IN THE PREPARATORY DEPARTMENT ARE ADMITTED TO THE FRESHMAN CLASS OF THE COLLEGE UPON THE PRINCIPAL'S RECOMMENDATION WITHOUT FURTHER EXAMINATION. On the other hand, students who do not expect to enter College, and who desire only an English education, preparatory to business, teaching, etc., may find in this school an academy of high grade under the supervision of college Professors, in a college atmosphere, and with free access to the college libraries. Near association with a college is a stimulus to study, and often awakens a desire for a higher education.

GOVERNMENT

The Preparatory Department, though under the control of the College authorities, has a separate building of its own, and is under the special direction of a Principal who gives to it his whole time in the work of instruction and supervision. He is aided by three assistants.

The school seeks to develop intelligent Christian gentlemen. The discipline aims at making the pupil SELF-GOVERNING, and at leading him to habits of self-respect and self-control by training the judgment, quickening the conscience, and cultivating a delicate sense of honor.

When it is evident that a pupil has no proper appreciation of his opportunities, and is harming the school rather than receiving benefit from it, his parents are asked to remove him.

During study hours students are expected to be in their rooms, which are subject to frequent visits by instructors.

ADMISSION

Students are admitted at any time to the grade for which they have been qualified by previous study. But it is highly important that the student enter the school as early in the course as possible. With the present high requirements for admission, a hurried preparation is generally unwise and tends to embarrass the student's future progress, especially in Latin and Greek. Accurate, technical scholarship, at which the school aims, can hardly be secured without long drill, especially in the languages. Without intending at all to discourage those whose circumstances, rather than their desire, lead them to attempt short preparation, all who can are urged TO LAY THE

FOUNDATION CAREFULLY. An additional year of time at the beginning is always a gain in the ease and success with which future work is done. The fact, however, is recognized that students differ widely in ability and industry, and every opportunity is afforded those who can do so to cover the required work in a shorter time.

No examinations are required for admission, the pupil being at once assigned to the class for which his previous studies seem to have fitted him. If, upon trial, it be found that a mistake has been made, the Principal reserves the right to transfer the student to the proper grade.

Students who have advanced sufficiently in Mathematics and the English branches to enter the Freshman class, but have not studied Latin or Greek, will here find special arrangements made for their rapid advancement. Girls will be received as day scholars. A study hall has been reserved for their exclusive use and they are not obliged to mingle with the general class except at regular recitation periods. When at school they are under the care of a lady superintendent. Refined homes for them can be secured in town at moderate rates. They will be under the care of the Principal, who will be fully informed of their conduct.

RELIGIOUS EXERCISES

On Sunday morning the students of the Preparatory Department are required to attend worship with the college instructors and students in the College Church, or in such other place of worship as their parents or guardians may designate. A Bible class is conducted by the Principal every Sunday morning and is a part of the regular course of study. Chapel service is held every morning except Saturday.

COURSE OF STUDY

The course of study is designed to prepare students of either sex, who desire to enter college, for the Freshman class, and to give students who do not expect to enter college, so far as it can carry them, a wide intelligence, true culture, and habits of careful and sound thinking. New and important subjects have been added, and increased attention is given to the lower classes. All students of the school have free access to the College Library, and students over fifteen years of age may join either of the College Literary Societies. There is also a Literary Society conducted by the students of the Department.

There is no musical course in the school, but arrangements for instruction at moderate terms may be made in the town without conflict with school work.

A report of the work and conduct of each student is sent home at the end of each term, and at any other time upon request or when the Principal thinks it desirable.

There are two courses, the Classical (with Greek), and the Scientific or Academic (without Greek). The subjects taught are as follows:

LATIN

Junior Class. Instruction in the essentials of the language. Translation of short stories, fables, dialogues. The writing in Latin of simple sentences. Drill on vocabulary.

Middle Class. Review of Latin in Comstock's Lessons. Viri Illustres Romae, with continuous drill in the grammar; analysis of words and sentences; prose composition based on the text.

Sub-Freshman Class. Cicero's Orations, first three against Catiline, with sight translation of advance passages; drill in syntax; prose composition based on Cicero. Vergil's Æneid, I-III, with study of Latin Prosody; Mythology.

GREEK

Middle Class. White's First Greek Book; complete survey of the language with syntactical analysis of the first eight chapters of Xenophon's Anabasis; study of word-formation, rules of syntax, historical allusions; special drill on vocabulary.

Students in the Scientific course take Physics and Physiology instead of Greek.

Sub-Freshman Class. Xenophon's Anabasis, I-III, with continuous drill in grammar and Attic forms. Translation at sight of book V, with special study of moods and tenses.

Students in the Scientific course will take Physical Geography and History instead of Greek.

Students who are prepared for college in all the other entrance requirements will be allowed to concentrate upon Latin, Greek and Mathematics, and a special class will be organized for their benefit.

MATHEMATICS

Junior Class. Arithmetic to percentage; analysis of numbers; notation; special drill in fractions, including Decimals.

Middle Class. Arithmetic completed, with the Metric system; Commercial Arithmetic. Wells' Academic Algebra through Fractions.

Sub-Freshman Class. Algebra completed with special drill in the Equation. Drill in Geometrical Figures with Kitchener's Note Book as a guide. Wentworth's Geometry, I-III; solution of original problems.

HISTORY

Junior Class. Eggleston's History of the United States; study by questions on the text, and by epochs. Frequent tests in writing.

Middle Class. Montgomery's History of the United States.

Sub-Freshman Class. Grecian and Roman History with attention to social customs, education, literature, thought and art. Reading from standard works in history and biography.

English and French history for students in the Scientific Course.

ENGLISH

Junior Class. English Grammar. Reading, Spelling. Punctuation; use of capitals. Writing from dictation. Letter writing.

Literature: Dr. Brown's Rab and His Friends, Hughes' Tom Brown's School Days, Kingsley's Heroes and Westward Ho, Hawthorne's Wonder Book, Burrough's Birds and Bees, Irving's Sketch Book.

Middle Class. Buehler's English Grammar. Reading, recitation, composition and declamation. Spelling, punctuation, capitals. Narration and description. Study of outlines.

Literature: Church's Story of the Iliad, Cooper's Last of the Mohicans, Longfellow's Miles Standish and Evangeline, Dickens' Christmas Carols, Tennyson's Enoch Arden.

Sub-Freshman Class. Syntactical analysis. Buehler's Practical Exercises. Study of the paragraph; figures; types of style. Abstracts and outlines. Declamation. Composition.

Literature: Macauley's Essay on Frederick the Great, Sir Roger de Coverley Papers, Scott's Ivanhoe and Lady of the Lake, Hawthorne's Scarlet Letter, Eliot's Silas Marner, Tennyson's Idylls of the King, De Quincey's The Flight of the Tartars.

NATURAL SCIENCE

Junior Class. Geography, Industrial and Political, with map-drawing. Natural History; survey of the Mineral, Vegetable and Animal Kingdoms.

Middle Class. Cooley's Physics. Physiology with direct reference to Hygiene.

Sub-Freshman Class. Eclectic Physical Geography. Natural laws and forces.

BUSINESS

A course of instruction is given in Book-keeping when desired. This course is intended to fit young men for a business career.

PHYSICAL EXERCISE

The building is surrounded with large and pleasant grounds adapted to football, baseball, tennis and other outdoor sports; and in addition to this the students enjoy all the privileges and instruction of the College Gymnasium.

BUILDINGS AND ROOMS

The building, located on a slight eminence north of the town, is heated throughout by steam. It has recently been thoroughly repaired and renovated. The rooms on the third floor are now arranged *en suite* with a broad archway separating the study and sleeping apartments. On the second floor the rooms are separate. The plaster and wood work has been renewed and repainted and the building neatly papered throughout.

The rooms have been refurnished with heavy oak wardrobes, bookcases, washstands, tables and chairs. Iron enameled beds, complete with springs and mattresses, are also provided. Two students occupy two rooms, one for studying the other for sleeping. The rooms are furnished with two single bedsteads, mattresses, chairs, table, bookcase, clothes closet, window curtains and washstand. The other articles needed for the rooms, and *to be furnished by the occupants*, are as follows: Washbowl and pitcher, mirror, lamp, oil-can, slop-pail and carpet. The carpet for a third floor study room is $10\frac{1}{2}$ by $10\frac{1}{2}$ sleeping room $10\frac{1}{2}$ by 11, for a second floor study room 10 by $12\frac{1}{2}$. Each student must also be provided with towels, three sheets for single bed, two pillow slips, a spread, comforts and blankets, and a feather pillow.

EXPENSES

Tuition,	\$12.00	\$9.00	\$9.00
Room-rent and Use of Furniture,.....	8.25	7.00	7.00
Steam Heat,	3.60	4.20	1.80
Gymnasium Fee,	2.00	2.00	2.00
Incidentals,	5.00	5.50	4.50
	<hr/>	<hr/>	<hr/>
	\$30.85	\$27.70	\$24.30

Students do not board in the building, but in clubs and private families at a cost of from \$1.87 to \$3.00 a week. Washing is \$1.25 a month. A deposit of one dollar will be required at the beginning of the year to insure the return of keys and the proper care of the room. This will be returned to the student at the end of the year if no damage has been sustained. Students who do not room in the building are not charged for room-rent or for heating.

All bills with the Institution must be paid at the beginning of each term. Money entrusted to the Principal for the use of students will be expended as desired.

A TEACHERS' COURSE

is conducted during the Spring term.

The course, recognizing the existence of a science and an art of education which imposes the duty of preparation on those who would teach, desires first of all to afford an opportunity to make a helpful, practical study of some of the essential principles which underlie and actuate true teaching. To the accomplishment of this end daily work will be given in the Theory and Practice of Teaching. This work, by means of recitations, discussions, talks, etc., will point out the principal bearings of the History of Education, Psychology and School Management on the every-day duties and privileges of the school room. Experienced teachers will be employed in addition to the regular corps.

But this course, while laying emphasis on the professional side of a teacher's preparation, also duly recognizes the paramount importance of a thorough knowledge of the subject-matter to be taught. Consequently daily recitations will be conducted in all the "common school"

branches. In the presentation of these subjects the "topical method" will be followed, which admits of the use of *any* standard text-book.

Students in this course are allowed the use of the College library, equipment, etc. Dr. Stahley, Professor of Hygiene and Physical Culture, will deliver several illustrative lectures to the class in Physiology. The Astronomical Observatory with its fine large telescope will be used in personal observation and study of the solar system in its relation to the geography of the earth.

During the term several general tests will be held preparatory to the regular county examination.

Any person taking the course may study Book-keeping, Algebra, Geometry, Latin, Greek, etc., without additional charges for tuition.

The tuition for the term of eleven weeks is \$13.50.

This fee includes the entire course, there being no extra charges for additional branches.

Board can be secured at very moderate rates. See p. 51.

Term begins	April 4
Term closes	June 14

For further information address

REV. CHARLES H. HUBER, A. M.,

Principal.

REGISTER OF STUDENTS.

COLLEGIATE DEPARTMENT.

GRADUATES.

William Ira Book, B. E.	} <i>Gettysburg,</i>	163 Carlisle St.
Juniata College '96, M. E. '98		
Daniel Clarence Jacobs, B. S. 1903	<i>Millersville,</i>	19 S.

SENIOR CLASS.

CLASSICAL COURSE

Paris Biemensderfer Andes	<i>East Petersburg,</i>	29 E.
Harvey Bickel	<i>Ottsville,</i>	Observatory.
Philip Raymond Bikle	<i>Gettysburg,</i>	2 Campus
Walter Scott Bonnell,	<i>Junction, N. J.,</i>	36 E.
Calvin Sylvester Brewer,	<i>Dayton, Ind.,</i>	1 E.
Clarence Edwin Butler,	<i>Lilly,</i>	21 M.
Bender Z. Clinton Cashman,	<i>New Oxford,</i>	12 and 14 W.
James Allen Dickson,	<i>Gettysburg,</i>	103 W. Middle St.
Andrew Luther Dillenbeck,	<i>St. Johnsville, N. Y.,</i>	7 M.
Howard Freas,	<i>Baltimore, Md.,</i>	26 S.
Charles Gauger,	<i>Albany, N. Y.,</i>	39 E.
John Stonesifer Gilbert,	<i>Harrisburg,</i>	11 M.
Joel Emory Grubb,	<i>Newport,</i>	27 E.
Harvey Solomon Haar,	<i>Hanover,</i>	19 E.
Charles William Heathcote,	<i>Hanover,</i>	13 W.
Robert Nicholas Heltzel,	<i>Cedar Ridge,</i>	2 M.

Arthur William Hershey,	<i>Hanover</i>	12 and 14 W.
Harry Clare Kleckner,	<i>Loysville,</i>	31 E.
Paul Luther Kunzman,	<i>Greensburg,</i>	13 E.
Mitchell Mahlon Metzger,	<i>Turtle Creek,</i>	4 S.
Lloyd Emory Poffinberger,	<i>Foltz,</i>	14 S.
Harry Randolph Rice,	<i>Arendtsville,</i>	32 S.
Harry Oristus Wagner,	<i>Union Deposit,</i>	36 E.
Isaac Elmer Walter,	<i>Alga,</i>	23 Mummasburg St.
William Arter Zundel,	<i>Greensburg,</i>	13 E.

SCIENTIFIC COURSE.

Paul Amos Bartholomew,	<i>Prospect,</i>	19 S.
Bruce Urban Parker Cobaugh,	<i>Somerset,</i>	19 S.
John Christopher Diehl,	<i>New Oxford,</i>	12 E.
Tillottson Fryatt,	<i>Martinsburg, W. Va.,</i>	9 M.
Ross Kirby Gilbert,	<i>Chambersburg,</i>	8 M.
James Brown Graff,	<i>Worthington,</i>	34 S.
George Rupp Pretz,	<i>Steelton,</i>	18 M.
Edmund Hoopes Singmaster,	<i>Gettysburg,</i>	Confederate Ave.
Harold Schick Trump,	<i>Martinsburg, W. Va.,</i>	9 M.

SENIORS, 35.

JUNIOR CLASS.

CLASSICAL COURSE.

Charles Haines Auman,	<i>Spring Mills,</i>	34 E.
Albert Billheimer,	<i>Gettysburg,</i>	108 Springs Ave.
Jonas Sahrer Blank,	<i>Pittsburg,</i>	11 and 13 S.
Hylas Clyde Brillhart,	<i>Glen Rock,</i>	21 W.
Herbert Schuman Dornberger,	<i>Pittsburg,</i>	10 and 12 S.
Wellington Roe Emmert,	<i>York Springs,</i>	25 S.
Malvin Dale Geesey,	<i>Spring Forge,</i>	20 E.
George William Gulden,	<i>Gettysburg,</i>	103 Hanover St.
Elam Gross Hess,	<i>Manheim,</i>	218 N. Stratton St.
Harrison Kauffman,	<i>Paxton,</i>	218 N. Stratton St.
James Edward Lowe, Jr.,	<i>Westminster, Md.,</i>	29 W.
Mary Buchanan McGill,	<i>Thurmont, Md.,</i>	202 Chambersburg St.

Homer Wertz Myers,	<i>Marion,</i>	23 W.
George Gordon Parker,	<i>Colwyn,</i>	7 E.
Judd Nyann Poffinberger,	<i>Vandergrift,</i>	21 S.
William Martin Seligman,	<i>Butler,</i>	162 York St.
Bertram Augustus Strohmeier,	<i>Pottsville,</i>	10 M.
John Miller Van Doren,	<i>New Germantown, N. J.,</i>	29 S.
Helen May Wagner, ✓	<i>Hazleton,</i>	109 Springs Ave.
Vera Louisa Wagner, ✓	<i>Hazleton,</i>	109 Springs Ave.
Daniel Elias Weigle,	<i>Mechanicsburg,</i>	17 and 19 M.
Nathaniel Ruggles Whitney,	<i>Lykens,</i>	15 and 17 S.
Joseph Harold Wolf,	<i>Glen Rock,</i>	21 E.
Frank Russell Young,	<i>Middletown, Md.,</i>	1 E.
Paul Milton Young,	<i>New York City,</i>	7 S.

SCIENTIFIC COURSE.

Harry Brua Campbell,	<i>Middletown,</i>	22 W.
Norman Henry Haar,	<i>Hanover,</i>	11 W.
John Nicholas Hartman,	<i>McKeesport,</i>	5 S.
George William Hill, Jr.,	<i>Frostburg, Md.,</i>	11 E.
Mary Agnes McAllister, ✓	<i>Gettysburg,</i>	37 E. High St.
Harriet Anderson McGill,	<i>Thurmont, Md.,</i>	202 Chambersburg St.
David Forney Miller,	<i>Mechanicsburg,</i>	17 and 19 M.
Walter Sherman Stine,	<i>Mechanicsburg,</i>	26 W.
Amanda Margarette Tawney,	<i>Gettysburg,</i>	41 Steinwehr Ave.
George Michael Trostle,	<i>York Springs,</i>	20 S.
Ernest Samuel Wolf,	<i>Abbottstown,</i>	19 E.

JUNIORS, 36.

SOPHOMORE CLASS.

CLASSICAL COURSE.

Clarence Eugene Arnold,	<i>York,</i>	9 W.
Jesse Ethan Benner,	<i>Gettysburg,</i>	Baltimore Pike.
Nellie Kate Blocher, ✓	<i>Gettysburg,</i>	400 Carlisle St.
Edwin Butler Boyer,	<i>Accident, Md.,</i>	30 E.
Belle Wierman Bream, ✓	<i>Gettysburg,</i>	124 Springs Ave.
Rolland Edward Brumbaugh,	<i>Roaring Spring,</i>	1 S.

Sara Barbara Brumbaugh,	<i>Roaring Spring,</i>	34 W. Middle St.
Ida Virginia Fiscel,	<i>Gettysburg,</i>	421 Baltimore St.
Mary Swartz Fiscel,	<i>Gettysburg,</i>	421 Baltimore St.
Zenas Orton Fiscus,	<i>Vandergrift,</i>	30 S.
Charles Edward Fry,	<i>Brunswick, Md.,</i>	35 E.
Humes Bradley Galbraith,	<i>Bellwood,</i>	23 E.
Elsie Anna Gerlach,	<i>Gettysburg,</i>	56 Chambersburg St.
Clifford Elvin Hays,	<i>Hagerstown, Md.,</i>	28 E.
Margaret Anderson Lott,	<i>Gettysburg,</i>	Harrisburg Road.
Eleanor Wortz Miller,	<i>Gettysburg,</i>	31 E. Middle St.
Franklin Wattles Moser,	<i>Schuylkill Haven,</i>	23 S.
Ward Beecher Shank Rice,	<i>Gettysburg,</i>	28 W. High St.
Ernest Victor Roland,	<i>Chapman's Run,</i>	27 W.
Martha Ellen Sachs,	<i>Gettysburg,</i>	136 E. Middle St.
Robert William Schnitzer,	<i>Gettysburg,</i>	4 Carlisle St.
Thomas Edgar Shearer,	<i>Worthington,</i>	30 E.
Mae Cecilia Shriver,	<i>Gettysburg,</i>	69 W. High St.
Paul Rothrock Sieber,	<i>Gettysburg,</i>	27 W. Middle St.
Paul Singmaster,	<i>Gettysburg,</i>	Confederate Ave.
Harry Franklin Smith,	<i>Hagerstown, Md.,</i>	19 W.
Samuel Earnest Smith,	<i>Lamartine,</i>	31 W.
Henry Renoll Spangler,	<i>Spring Forge,</i>	20 E.
Rufus Miley Weaver,	<i>Gettysburg,</i>	129 Baltimore St.

SCIENTIFIC COURSE.

Thomas Alvin Faust,	<i>Ambler,</i>	7 S.
Clifford Clinton Hartman,	<i>Pittsburg,</i>	6 S.
John Willard Hershey,	<i>Tillie,</i>	209 N. Washington St.
Howard Elwood James,	<i>Reading,</i>	33 E.
George Washington Karmany,	<i>Hummelstown,</i>	10 E.
Lloyd Leslie Lammert,	<i>Frostburg, Md.,</i>	14 M.
Earl Beachy Musser,	<i>Berlin,</i>	8 S.
Jesse Nelson Sharretts,	<i>Gettysburg,</i>	48 Stevens St.
Russell Simpson Shoemaker,	<i>Harney, Md.,</i>	15 W.
Cora Susan Swartz,	<i>Gettysburg,</i>	238 Baltimore St.

SELECT COURSE.

Mary Matilda Martin,	<i>Gettysburg,</i>	39 Lincoln St.
Upton Dale Thomas,	<i>Gettysburg,</i>	240 Chambersburg St.

SOPHOMORES, 41.

FRESHMAN CLASS.

CLASSICAL COURSE.

David Lincoln Baker,	<i>Abbottstown,</i>	16 E.
Elwood Erastus Barley,	<i>Baker's Summit,</i>	11 and 13 S.
Albert Daniel Bell,	<i>York,</i>	9 W.
Grace Maria Blocher,	<i>Gettysburg,</i>	400 Carlisle St.
Henry Michael Bower,	<i>Hughesville,</i>	38 E.
Harry Watson Davison,	<i>Greencastle,</i>	38 E.
Oscar Carlton Dean,	<i>Middletown, Md.,</i>	20 M.
Cora Myrtle Drum,	<i>Gettysburg,</i>	39 York St.
Frank P Fisher,	<i>Warrior's Mark,</i>	25 E.
James Aldro Fritz,	<i>Blairsville,</i>	20 W.
Lillia Rebekah Gantt,	<i>Frostburg, Md.,</i>	168 Carlisle St.
Herbert Spencer Garnes,	<i>Fishersville,</i>	26 W.
Wilmer Emanuel Gross,	<i>West Manchester,</i>	16 E.
Frederick Melanchthon Harmon,	<i>Hazleton,</i>	3 S.
Mary Hay Himes,	<i>Gettysburg,</i>	130 Carlisle St.
Guy Beaver King,	<i>Virginia Mills,</i>	12 M.
Irvin Martin Lau,	<i>Gettysburg,</i>	62 Stevens St.
Harvey Ross McAllister,	<i>Gettysburg,</i>	37 E. High St.
Anna Elizabeth McLaughlin,	<i>Mooredale,</i>	3 Campus.
Fannie Long McMahan,	<i>Troy,</i>	3 Campus.
Edmund Longinus Manges,	<i>Oakland, Md.,</i>	28 W.
William Louis Meals,	<i>Gettysburg,</i>	Mummasburg Road.
Effie Matilda Miller,	<i>Gettysburg,</i>	25 Chambersburg St.
Calvin John Miller,	<i>Spring Forge,</i>	37 E.
George Michael Rice,	<i>Arendtsville,</i>	12 M.
Jonas Keffer Robb,	<i>Hillsview,</i>	16 M.
Albert Lawrence Sauter,	<i>Connelsville,</i>	17 E.
Albert Clinton Shuck,	<i>State Line,</i>	19 W.
Louis Earle Smith,	<i>Chambersburg,</i>	27 S.
Loy Woods Stambaugh,	<i>Cisna Run,</i>	31 E.
Howard Chester Arthur Stouffer,	<i>York,</i>	10 M.
Jesse Franklin Swartz,	<i>Spring Forge,</i>	25 W.
Fred Gallaher Troxell,	<i>Gettysburg,</i>	27 Hanover St.
Allston Leffler Whitney,	<i>Lykens,</i>	15 and 17 S.
Frederick William Wittich,	<i>Hazleton,</i>	22 M.
Bruce McClellan Wolff,	<i>Spring Run,</i>	23 E.
Mabel Irene Yonson,	<i>Waynesboro,</i>	215 N. Washington St.

SCIENTIFIC COURSE.

George Nicholas Acker,	Washington, D. C.,	8 M.
John Brehne Baumgardner,	Chambersburg,	16 W.
Ellen Patterson Crapster, ✓	Taneytown, Md.,	136 Baltimore St.
George Albert Deitrick,	Mt. Carmel,	14 E.
James Erwin Diehl,	Cashtown,	14 M.
John McCrea Dickson,	Gettysburg,	103 W. Middle St.
Joseph Chalfant Dickson,	Gettysburg,	103 W. Middle St.
Leroy Earl Enterline,	Ashland,	24 E.
Edward McCreary Faber,	Gettysburg,	28 Chambersburg St.
Norman McCarroll Fox,	Gettysburg,	6 Chambersburg St.
George Haas,	Pine Grove,	17 W.
Gideon Moul Haar,	Hanover,	11 W.
Donald Sangree Hake,	Gettysburg,	227 W. Middle St.
Horatio Ambrose Helder,	Dallastown,	18 M.
John Catherman Himes,	McAllisterville,	30 W.
John Byron Horner,	Fairfield,	Fairfield.
Donald Witherow Huber,	Gettysburg,	103 Springs Ave.
Henry States Huber,	Gettysburg,	103 Springs Ave.
Elbert Eugene Kifer,	Leechburg,	16 and 18 S.
Charles Philip Lantz,	Harrisburg,	12 M.
George Lauman Laverty,	Middletown,	18 W.
Allen Clair Lebo,	Williamstown,	24 S.
David Hamlin Lees,	Juniata,	15 E.
John Mather Leonard,	Martinsburg, W. Va.,	8 S.
James Haines McClure,	Elk Lick,	2 S.
William Bradbury McClure,	Elk Lick,	2 S.
Elmer William Martin,	Ashland,	6 M.
Robert Weir Michael,	Centralia,	18 E.
Edgar Allen Miller,	Hampton,	31 S.
Frederick Augustus Muhlenburg,	Reading,	10 and 12 S.
William Thomas Newman,	York Road, Md.,	35 S.
Charles Leedom Patterson,	Franklin,	9 S.
Stacy Eugene Peters,	Dallastown,	20 M.
Daniel Ritter,	McCoysville,	16 W.
George Keyworth Shearer,	York,	8 W.
Roy Eyster Smith,	Chambersburg,	27 S.
Herbert Russell Staley,	Middletown,	16 and 18 S.
Raymond Frederick Topper,	Gettysburg,	99 Steinwehr Ave.

Edward Lyford Van Zandt,	<i>Avon, N. Y.,</i>	22 E.
Maurice Stevenson Weaver,	<i>Gettysburg,</i>	261 Baltimore St.
Ralph Zimmerman,	<i>Somerset,</i>	19 S.

SELECT COURSE.

Minnie Mae Bruner, ✓	<i>Gettysburg,</i>	32 Carlisle St.
Chalmers Lee Crist,	<i>May's Landing, N. J.,</i>	33 S.
Chester Garfield Crist,	<i>May's Landing, N. J.,</i>	22 S.
Snowden Smith Hempstone,	<i>Washington, D. C.,</i>	11 E.
Margaret Florence Hirschman,	<i>Baltimore, Md.,</i>	168 Carlisle St.
Harry A Shimer,	<i>Roaring Spring, Pa.</i>	1 S.
John Calvin Watson,	<i>Iron Springs,</i>	Iron Springs.

FRESHMEN, 85.

PREPARATORY STUDENTS.

SUB-FRESHMAN CLASS.

Maurice Blocher Bender,	<i>Gettysburg,</i>	131 Carlisle St.
Ralph Emerick Bell,	<i>York,</i>	40 St..
Grover Keller Bream,	<i>Gettysburg,</i>	Fairfield Road.
James Albert Brosius,	<i>Ashland,</i>	28 St.
William Augustus Chambers,	<i>Lewisburg, O.,</i>	27 St.
Milo R Clare,	<i>Abbottstown,</i>	39 St.
Anna Porter Crapster,	<i>Taneytown, Md.,</i>	136 Baltimore St.
Curwen Albright Diehl,	<i>New Oxford,</i>	201 Chambersburg St.
Louise Duncan,	<i>Gettysburg,</i>	109 Lincoln Ave.
Katherine Duncan,	<i>Gettysburg,</i>	109 Lincoln Ave.
Garfield Warren Eisentrout,	<i>Eckhart Mine, Md.,</i>	26 St.
George Raymond Haaf,	<i>Palatine, N. J.,</i>	34 St.
Florence Schmuck Hersh,	<i>New Oxford,</i>	34 W. Middle St.
Mary Catherine Kohler,	<i>Gettysburg,</i>	10 York St.
Elias Trostle Lau,	<i>Gettysburg,</i>	62 Stevens St.
Robert Edmund Lau,	<i>East Berlin,</i>	62 Stevens St.

Lulu Mae Little,	Gettysburg,	235 Chambersburg St.
Etta Hope Martin,	Gettysburg,	41 Lincoln Ave.
Leroy Neighbor Miller,	New Germantown, N. J.,	39 St.
Beulah Mae Minter,	Arendtsville,	70 Stevens St.
Rudolph Eastley Nichol,	Frostburg, Md.,	41 St.
Norman Guy Phillipy,	Greencastle,	46 St.
Samuel Philson,	Berlin,	29 St.
Benjamin Philson,	Berlin,	29 St.
Mervin Elmer Smith,	Aspers,	23 St.
Edgar Ernest Snyder,	Chapman's Run,	27 W.
Simon Snyder,	Clearspring, Md.,	45 St.
Anna Hayward Spangler,	Gettysburg,	116 Carlisle St.
Bessie Stock,	New Oxford,	137 Chambersburg St.
Bessie Lucile Storrick,	Gettysburg,	337 Baltimore St.
Leslie Watson Taylor,	Norwood,	25 St.
Krauth Whitson Thom,	China Grove, N. C.,	38 St.
D Agnew Thomas,	Gettysburg,	242 Chambersburg St.
Lloyd Van Doren,	New Germantown, N. J.,	29 S.
Edgar Fraunfelter Wagner,	Mohrsville,	39 St.
Hanna Lucile Warner,	Gettysburg,	504 Baltimore St.
Harry Rey Wolf,	Harrisburg,	30 St.
George Edgar Wolfe,	Annaville,	24 St.

SUB-FRESHMEN, 38.

MIDDLE AND NORMAL.

Newton Black,	Broad Top City,	44 St.
Herbert Addington Bream,	Gettysburg,	Fairfield Road.
Lytton Briggs Buehler,	Gettysburg,	11 Chambersburg St.
Ruth Zella Buehler,	Gettysburg,	11 Chambersburg St.
Frank Lee Chase,	Sunnyside, Md.,	46 St.
William Offutt Davis,	Frostburg, Md.,	41 St.
Carrie Dennis,	New Chester,	1 Steinwehr Ave.
Elizabeth Anna Diehl,	New Oxford,	New Oxford.
Edward Jacobs,	Gettysburg,	135 Chambersburg St.
Blanche Swope Klinger,	Gettysburg,	129 Lincoln Ave.
Arthur Taylor Knouse,	Gettysburg,	Hagerstown Road.
Ruth Walter Knouse,	Gettysburg,	Hagerstown Road.
Sarah Nancy Lau,	Gettysburg,	62 Stevens St.
George William Lewis,	Frostburg, Md.,	44 St.

Roy Titus Little,	<i>Seven Stars,</i>	Seven Stars.
Ellsworth Elmer McManus,	<i>Pittsburg,</i>	40 St.
G Kenton Meals,	<i>Gettysburg,</i>	Mummasburg Road.
Carrie Marie Schroder,	<i>Gettysburg,</i>	253 Baltimore St
Raymond Sieber,	<i>Gettysburg,</i>	137 W. Middle St.
Arlie Luther Sowers,	<i>Gettysburg,</i>	Hunterstown Road.
Alverta Stough,	<i>Gettysburg,</i>	209 N. Washington St
		MIDDLEBURG, 21.

SUMMARY.

Graduates,	2
Seniors,	35
Juniors,	36
Sophomores,	41
Freshmen.	85
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Collegiate Department,	197
Preparatory Department,	59
<hr/>	
Total,	258

Commencement 1904.

DEGREES, HONORS AND PRIZES.

CLASS OF 1904.

BACHELORS OF ARTS.

Mary Catharine Adams,	Charles John Hines,
Willam Wallace Barkley,	Albert Martz Hinkle,
Geo. Fred. Hampton Berwager,	James Hipple,
Adie Elmer Black,	Carrie Edna Inglebirt,
John Blair Boyer,	Frank Layman,
Edward Stewart Bream,	William Cornelius Lott,
Joseph Howard Bream,	Frederick Garman Masters,
Samuel Allen Conway,	Charles Henry May,
Wm. Reuben Shaffer Denner,	Arthur Edmund Rice,
John Maclay Diehl,	Joseph Eugene Rowe,
James Garfield Diller,	Hauer Hall Sharp,
Bessie Mae Drais,	Walter Young Sprenkle,
Curtis Fisher,	Fred. Charles Joseph Sternat,
Paul Froehlich,	Ira Washington Trostle,
Josaver Winfield Gentzler,	Samuel Pool Weaver,
Colstin Bernard Gladfelter,	Abdel Ross Wentz,
Paul Gladfelter,	Mary Brownlee Wilson,
Lyman Abram Guss,	Norman Samuel Wolf.
Mervin Roy Hamsher,	

BACHELORS OF SCIENCE.

Paul Brown Dunbar,	Walter Alexander Geesey,
William Bunn Fischer,	Clarence Milton Schaeffer,
John D. Keith, as of the class of '99.	

FIRST HONOR:

Abdel R. Wentz, Lineboro, Md.
 Joseph E. Rowe, Emmitsburg, Md.
 Two years, Scientific Course,
 Paul B. Dunbar, Baltimore, Md.

SECOND HONOR:

Frank Layman, Greencastle.
 Mervin R. Hamsher, Chambersburg.
 Fred. C. J. Sternat, Baltimore, Md.
 John B. Boyer, Philadelphia.
 Norman S. Wolf, Abbottstown.
 Samuel P. Weaver, Greensburg.
 Fred'k G. Masters, Rockwood.
 Paul Froehlich, Harrisburg.
 Bess M. Drais, Gettysburg.
 Carrie E. Inglebirt, Gettysburg.
 Mary C. Adams, Gettysburg.
 Wm. R. S. Denner, Manchester, Md.
 Albert M. Hinkle, Codorus.

GRAEFF PRIZE:

For best essay on Browning's "Rabbi Ben Ezra."
 Abdel R. Wentz, Lineboro, Md.
 with honorable mention of
 Joseph E. Rowe, Emmitsburg, Md.
 Frank Layman, Greencastle.

Class of 1905.

HASSLER GOLD MEDAL: Junior Latin Prize.

Lloyd E. Poffinberger, Foltz.

REDDIG PRIZE IN ORATORY:

Andrew L. Dillenbeck, St. Johnsville, N. Y.
 with honorable mention of
 Charles W. Heathcote, Hanover.

Class of 1906.

BAUM SOPHOMORE MATHEMATICAL PRIZE:

Herbert S. Dornberger, Pittsburg.
 Harry B. Campbell, Middletown.
 with honorable mention of
 George W. Gulden, Gettysburg.
 Bertram A. Strohmeier, . . . Pottsville,
 Mary A. McAllister, Gettysburg.

Class of 1907.

MUHLENBURG FRESHMAN PRIZE:

Samuel E. Smith, Lamartine.

GIES PRIZES IN DEBATE:

FIRST PRIZE, (1904):

Frank Layman, Samuel P. Weaver, Abdel R. Wentz

SECOND PRIZE, (1906):

Harry B. Campbell, Middletown.
 Bertram A. Strohmeier, . . . Pottsville.
 Nathaniel R. Whitney, Lykens.

THIRD PRIZE, (1906):

Hylas C. Brillhart, Glen Rock.
 Harry B. Campbell, Middletown.
 Bertram A. Strohmeier, . . . Pottsville.

PEN AND SWORD PRIZE:

English Composition.

Paul B. Dunbar, (1904) Baltimore, Md.
 with honorable mention of
 Abdel R. Wentz, (1904) . . . Lineboro, Md.

MASTER OF ARTS IN COURSE:

1900

Paul Harold Bikle, (accidentally omitted in 1903).

1901

Rev. David C. Burnite,	William A. Kohler,
Rev. George H. Easterday,	Rev. Joseph D. Krout,
Rev. George H. Eveler,	Harry A. Lantz,
Rev. William Freas,	Rev. John C. McCarney,
Samuel W. Gramley,	John W. Mehning,
Rev. Luther W. Gross,	Rev. Warren A. Moser,
Rev. David S. Hafer,	Rev. Philip H. R. Mullen,
Rev. Herbert H. Hartman,	Rev. George W. Nicely,
Rev. William H. Hetrick,	Alexander H. O' Neal,
Harry C. Hoffman,	Rev. Edward R. Richards,
Emily B. Horner,	Rev. John R. Richards,
Hiram H. Keller,	Prof. Charles M. A. Stine,
	Richard B. Stock.

MASTER OF SCIENCE IN COURSE:

Palled B. Krout,
Samuel A. Van Ormer.

HONORARY MASTER OF ARTS:

D. Wayne Babcock, M. D., . . . Philadelphia.

HONORARY DOCTOR OF SCIENCE:

Supt. Lemuel O. Foose, . . . Harrisburg.

HONORARY DOCTOR OF DIVINITY:

Rev. Edwin Heyl Delk, ('79 Sem.) Philadelphia.
Rev. Philip C. Croll, ('76) . . . Lebanon.

HONORARY DOCTOR OF LAWS:

President John S. Stahr, D. D., Franklin and Mar-
shall, Coll., Lancaster.

SUMMARY.

(EXCLUSIVE OF HONORARY DEGREES.)

Bachelor of Arts,	1252
Bachelor of Science,	79
Doctors of Philosophy, (holding their first degree from other Institutions),	7
Whole number of graduates,	1338

GRADUATES.

EXPLANATION.—The profession of the graduate is recorded when practicable under the following heads: Agriculture, [*Ag.*]; Education and Science, [*Ed.*]; Engineering, [*Eng.*]; Finance, [*Fin.*]; Government Service, [*Gov.*]; Journalism, [*Jour.*]; Law and Judiciary, [*Law, Jud.*]; Medicine, [*Med.*]; Mercantile Pursuits, [*Merc.*]; Ministry (with For. Miss.) [*Min. Miss.*]; Transportation, [*Trans.*]. Dates after degrees show that the degrees then conferred were given by *this* College after examination upon the completion of a course of study. The asterisk with a date indicates the decease of the graduate within the given year.

1834.

- | | |
|---|--------|
| *Jacob B. Bacon, New York City, [<i>Jour.</i>] | *1896. |
| *David G. Barnitz, Newark, N. J., [<i>Law</i>]. | *1877. |
| *Rev. William H. Smith, M. D., London, Eng. [<i>Min.</i>] | * |

1835.

- | | |
|---|--------|
| *Rev. Pres. David F. Bittle, D. D., Roanoke C., Salem, Va., [<i>Ed.</i>] | *1876. |
| *Hon. Michael G. Dale, Edwardsville, Ill., [<i>Law, Jud.</i>] | *1896. |
| *Rev. Pres. Ezra Keller, D. D., Witten. C., Springfield, O., [<i>Ed.</i>] | *1848. |
| *William Ruthrauff, Gettysburg, | *1847. |
| *Abraham B. Shuman, Philadelphia, | *1851. |
| *Alexander R. Stevenson, Gettysburg, [<i>Law</i>] | *1852. |
| *Rev. Charles F. Stoeber, Mechanicsburg, [<i>Min.</i>] | *1880. |
| *Rev. Theophilus Stork, D. D., Philadelphia, [<i>Jour.</i>] | *1874. |

1837.

- | | |
|--|--------|
| *Rev. George Diehl, D. D., Frederick, Md., [<i>Min.</i>] | *1891. |
| *Rev. Emanuel Frey, York, [<i>Min.</i>] | *1871. |
| *James Macfarlane, Ph. D., Towanda, [<i>Law</i>] | *1885. |
| *Thomas Means, Centreville, Ind., [<i>Law</i>] | *1884. |

1838.

- *James Crapster, Baltimore, Md., *1843.
- *Rev. James R. Keiser, Petersburg, Va., [*Min.*] *187—.
- *Rev. F. A. M. Keller, Reading, [*Min.*] *1864.
- *John E. Naill, Jonesboro, Ill., [*Law*] *1875.
- *Prof. M. L. Stœver, Ph. D., LL. D., Gettysburg, [*Ed.*] *1870.
- *Rev. Cyrus Waters, Windsor, N. C., [*Min.*] *1870.

1839

- *Rev. Frederick R. Anspach, D. D., Baltimore, Md., [*Min.*] *1867.
- *Chas. L. Baker, M. D., Lancaster, [*Med.*] *1859.
- *Rev. Christopher C. Baughman, Philadelphia, [*Min.*] *1888.
- *David A. S. Eyster, San Jose, Cal., *1887.
- Rev. William F. Eyster, D. D., Crete, Neb., [*Min.*]
- *Rev. J. Gœring Harris, Bellefontaine, O., [*Min.*] *1900.
- *Rev. Prof. Charles A. Hay, D. D., Gettysburg, [*Ed.*] *1893.
- *Rev. John Heck, Smithsburg, Md., [*Min.*] *1861.
- *Rev. William M. Heilig, Lutherville, Md., [*Min.*] *1888.
- *Rev. V. Prov. C. P. Krauth, D. D., LL. D., Univ. Pa., Philadelphia, [*Ed.*] *1883.
- *John George Leas, Gettysburg, *1841.
- *Rev. James L. Shock, D. D., New York City, [*Min.*] *1865.
- *Rev. W. Wadsworth, Wooster, O., [*Min.*] *1843.
- *Rev. Philip Willard, Mexico, Pa., [*Min. Ed.*] *1893.

1840

- *Rev. Gottlieb Bassler, Zelienople, [*Min.*] *1868.
- *Rev. Jas. A. Brown, D. D., Wytheville, Va., [*Min.*] *1900.
- *Hugh D. Downey, Iowa City, Ia., [*Law*] *1867.
- *David A. Martin, Baltimore, Md. *
- *Rev. Eli Swartz, De Soto, Ill., [*Min.*] *1892.
- *Columbus Witherow, M. D., Manderville, Mo., [*Med.*] *1891.

1841.

- *J. William Albach, Milwaukee, Wis. [*Ed.*] *1900.
- *Rev. Henry Baker, D. D., Lancaster, [*Min.*] *1894.
- *Rev. Nathan H. Cornell, Philadelphia, [*Min.*] *1896.
- *Rev. J. George Donmeyer, Buena Vista, Ill., [*Min.*] *1887.
- Rev. William Gerhardt, D. D., Martinsburg, W. Va., [*Min.*]

- *William B. McClellan, Gettysburg, [*Law*] *1863.
- *Rev. Ephraim Miller, D. D., Punxsutawney, [*Min.*] *1899.
- *Rev. Jacob Scherer, Hillsboro' Ill., [*Min.*] *1851.
- *Rev. William Weaver, Philadelphia, [*Min.*] *1896.
- *Rev. Charles Witmer, Des Moines, Ia., [*Min.*] *1884.
- *Rev. Prof. Henry Ziegler, D. D., Selinsgrove, [*Ed.*] *1898.

1842.

- *Rev. Fred. A. Barnitz, Middletown, [*Min.*] *1889.
- *Rev. Edward Breidenbaugh, Gettysburg, [*Min.*]
- *Rev. Prof. Jas. A. Brown, D. D., LL. D., Theol. Sem.,
Gettysburg, [*Ed.*] *1882.
- *Rev. Adam R. Height, Macon, Ill., [*Min.*] *1899.
- *Rev. Aaron J. Karn, Savannah, Ga., [*Min.*] *1860.
- *Rev. John Kohler, D. D., Leacock, [*Min.*] *1898.
- *Rev. Geo. W. McMillan, Perth Amboy, N. J., [*Miss.*] *1885.
- *Rev. George Parson, D. D., Sunbury, [*Min.*] *1897.
- *Rev. M. Frederick Pfahler, Deal, [*Min.*] *1890.
- *Rev. Pres. J. P. Benjamin Sadtler, D. D., Baltimore, Md.
[*Ed.*] *1901.
- *Peter G. Sauerwein, Mt. Washington, Md., [*Law.*] *1886.
- *Rev. Martin Sondhaus, St. Louis, Mo., [*Min.*] *1878.
- *Rev. Adam J. Weddel, D. D., Norristown, [*Min.*] *1896.

1843.

- *Rev. Daniel H. Bittle, D. D., Savannah, Ga., [*Min.*] *1874.
- *David A. Buehler, Gettysburg, [*Law, Jour.*] *1887.
- *John E. Graeff, Philadelphia, [*Min.*] *1898.
- *Rev. William H. Harrison, D. D., Cincinnati, O., *1866.
- *Charles Horner, M. D., Gettysburg, [*Med.*] *1895.
- *Rev. Lloyd Knight, Yutan, Neb., [*Min.*] *1895.
- *Rev. Wm. A. Kopp, Water Cure, [*Min.*] *1868.
- *Rev. Prof. W. M. Paxton, D. D., LL. D., Princeton, N. J., [*Ed.*]
*1904.
- *John Reidenour, M. D., Lebanon, [*Med.*] *1850.
- *Rev. John Rugan, Vandalia, Ill., [*Min.*] *1870.
- *Alfred H. Smith, Chambersburg, [*Law*] *1855.

1844.

- *Rev. Peter Anstadt, D. D., York, [*Jour.*] *1903.
- *Oscar F. Baugher, Brooklyn, N. Y., [*Law*] *1893.

- *Rev. Joseph B. Bittinger, D. D., Sewickley, [*Min.*] *1885.
- *Joseph P. Clarkson, Chicago, Ill., [*Law*] *1877.
- *Rt. Rev. Robert H. Clarkson, D. D., LL. D., Omaha, Neb., *1884.
- *Rev. Thomas W. Corbet, Herring, O., [*Min.*] *1895.
- *Rev. Prof. Michael Diehl, D. D., Springfield, O., [*Ed.*] *1869.
- Henry J. Fahnestock, Watertown, S. Dakota, [*Merc.*]
- *John M. McFarland, Charlestown, W. Va., *1856.
- John T. Morris, 215 N. Charles St., Baltimore, Md., [*Law*]
- Rev. George A. Nixdorff, Frederick, Md., [*Min.*]
- *Rev. Beale M. Schmucker, D. D., Pottstown, [*Min.*] *1888.

1845.

- *John W. Miller, Graham Station, W. Va., [*Min.*] *1891.
- Matthias Miller, Winchester, Va., [*Ag.*]
- *Sylvanus Shimer, Philadelphia, [*Law*] *1898.
- *Jesse W. Stocker, M. D., Jefferson Co., W. Va., [*Med.*] *1877.

1846.

- *Rev. Wm. M. Baum, D. D., Philadelphia, [*Min.*] *1902.
- *Hon. Charles A. Brougher, Jackson, Miss. *1891.
- *Hon. J. Marshall Clement, Mocksville, N. C., *1886.
- *Henry C. Eckert, M. D., Hanover, *1867.
- *Rev. Prof. Hezekiah R. Geiger, Ph. D., Springfield, O., [*Ed.*] *1899.
- *John E. Herbst, M. D., Kansas City, Mo., [*Med.*] *1898.
- *John Alonzo Houck, Gettysburg, *1849.
- *William A. Huber, M. D., Lebanon, [*Med.*] *1889.
- Charles A. Keyser
- *Rev. George J. Matz, Lebanon, [*Min. Miss.*] *1898
- *William A. Renshaw, Littlestown, *1847
- *Rev. Pres. Josiah P. Smeltzer, D. D., Walhalla, S. C., [*Ed.*] *1887.
- William H. Stevenson, 1103 McCulloh St., Baltimore, Md., [*Law*]
- *Rev. Augustus C. Wedekind, D. D., National City, Cal., [*Min.*] *1897.

1847.

- Rev. Luther E. Albert, D. D., Germantown, [*Min.*]
- *Rev. Martin M. Bechtel. [*Min.*] *
- Col. John A. Bradshaw, 406 Central Park West, New York City.
[*Law*]

- *Rev. Frederick W. Brauns, Buffalo, N. Y., [*Min.*] *1895.
 *Rev. Abraham Essick, Ellsworth, Kan., [*Min. Ed.*] *1904.
 *Rev. David J. Eyler, Waynesboro', *1860.
 Col. Edward G. Fahnestock, M. D., Lumber Exch., Minneapolis, Minn.
 *Rev. Reuben A. Fink, D. D., Johnstown, [*Min.*] *1895.
 *Rev. Jacob H. Heck, Knowersville, N. Y., [*Min.*] *1886.
 *Henry Jacobs, M. D., Waynesboro', [*Med.*] *1857.
 *Moses W. Merryman, M. D., Baltimore, Md., [*Med.*] *1904.
 *William H. Morris, Baltimore, Md., [*Ed.*] *1887.
 *Rev. John K. Plitt, Philadelphia, [*Min.*] *1898.
 *Mark Posey, Selma, Ala., *1857.
 *Peter Raby, Kimberton, [*Min.*] *1884.
 *Philip Sheeder, Gettysburg, [*Min.*] *1896.
 *Prin. William H. Witherow, Mt. Zion Institute, Winnsboro',
 S. C. *1902.

1848.

- *Gideon B. Alston, Warrenton, N. C., [*Law*] *1894.
 *David W. Badham, Edenton, N. C., [*Law*] *1857.
 *Rev. Henry M. Bickel, D. D., Philadelphia, [*Min. Jour.*] *1893.
 *Rev. Prof. Peter Born, D. D., Selinsgrove, [*Ed.*] *1899.
 *Rev. Victor L. Conrad, Ph. D., D. D., Philadelphia, [*Ed. Jour.*] *1900.
 Levi W. Folsom, Taylor's Falls, Minn., [*Law*]
 *Rev. Aaron W. Lilly, D. D., Mechanicsburg, [*Min.*] *1902.
 *Hon. Geo. C. Maund, Baltimore, Md., [*Law*] *1884.
 *Edward McPherson, LL. D., M. C., Gettysburg, [*Jour., Gov.*] *1895.
 *Rev. J. Keller Miller, Centre Hall, [*Min.*] *1887.
 *Rev. Edmund Miller, Dixon, Ill., [*Ed.*] *1888.
 *Rev. Prin. William D. Rœdel, Wytheville, Va., [*Ed.*] *1865.
 *Prof. John A. Tressler, Cap. Hill Univ. Columbus, O., [*Ed.*] *1851.

1849.

- *Hon. Col. John C. Badham, Edenton, N. C., [*Law*] *1861.
 *Rev. John H. Cupp, Front Royal, Va., [*Min.*] *1884.
 *W. Kent Gilbert, M. D., Philadelphia, [*Med.*] *1880.
 *Rev. Elias S. Henry, Pine Grove, [*Min.*] *1897.
 *Rev. Henry S. Koons, Hanover, [*Ed.*] *1869.
 Rev. Graft M. Pile, De Soto, Mo., [*Min.*]

- *Abel Rambo, Ph. D., Trappe, [Ed.] *1887.
 *Hon. John E. Smith, Westminster, Md., [Law. Jud.] *1890.
 *Rev. John N. Unruh, Hooversville, [Min.] *1888.
 *Prof. S. Carson Wells, Ph. D., LL. D., Salem, Va., [Ed.] *1900.
 1850.

- *Rev. George W. Anderson, Melrose, N. Y., [Min.] *1888.
 *Daniel J. Barrick, Washington, D. C., [Ed. Merc.] *1895.
 *John F. Baugher, Baltimore, Md., [Ed.] *1901.
 *Prof. Wm. J. T. Carroll, Ph. D., Norfolk, Va., [Ed.] *1903.
 Hon. James F. Crocker, Portsmouth, Va., [Law, Jud.]
 *John M. Eichelberger, St. Louis, Mo., [Law] *1854.
 *Rev. Prin. Charles J. Ehrehart, Gettysburg, [Min. Ed.] *1870.
 *Rev. Daniel Garver, Greensburg, [Min.] *1865.
 *Rev. William F. Greaver, Williamsport, Md., [Min.] *1857.
 *Robert G. Harper, Jr, Dayton, Md., [Ed.] *1867.
 *Rev. Samuel O. Kæmpfer, M. D., ————— Kan. *——
 *Rev. J. Keller Kost, Island Lake, Fla., [Min.] *1897.
 *Rev. Cornelius Nitteraur, Blairsville, [Min.] *1861.
 *Rev. Prof. Henry Reck, Rock Island, Ill., [Ed.] *1881.
 *David Stroh, Shippensburg, [Ed.] *1860.
 Rev. Prof. M. Valentine, D. D., LL. D., Gettysburg, [Ed.]
 *Rev. Prof. Daniel Worley, Canton, Ohio, [Min. Ed.] *1888.
 *Rev. Samuel Yingling, Columbia, [Min.] *1884.

1851.

- Rev. Louis J. Bell, Smithsburg, Md., [Min. Merc.]
 *W. A. Castleman, M. D., Williamsburg, Can., [Med.] *1868.
 *Rev. John S. Crumbaugh, Lancaster, [Ed.] *1859.
 *Hon. George Eyser, Philadelphia, [Law] *1886.
 *Hon. William G. George, South Bend, Ind., [Law] *1890.
 *Rev. Chas. H. Hersh, Baltimore, Md., [Min.] *1859.
 *Rev. Jacob A. Lefevre, D. D., Columbia, Mo., *1905.
 *Edward Minturn, M. D., Philadelphia, *1858.
 Rev. Edward A. Sharretts, D. D., 2862 James Ave., Minneapolis,
 Minn. [Min,]
 Rev. Prof. Isaac Sprecher, Waynesboro, [Min. Ed.]
 *Theodore A. Stecher, Philadelphia, [Trans.] *1880.
 *Rev. David Swope, Centreville, [Min.] *1881.
 *Rev. Allen Traver, Junius, N. Y., [Min.] *1889.
 *Hon. David Wills, Gettysburg, [Law, Jud.] *1894.

1852.

- Henry A. Grim, M. D., Allentown, [Med.]
 *Rev. Reuben Hill, D. D., Philadelphia, [Min.] *1895.
 Rev. John W. Hassler, D. D., 26 N. Lime St., Lancaster, [Min.]
 *Rev. John W. Kregelo, Uniontown, Md., [Min.] *1854.
 Rev. Pres. John J. Scherer, D. D., Marion, Va., [Ed.]
 *Hon. George H. Spang, Hollidaysburg, [Law] *1897
 *Peter R. Wagenseller, M. D., Selinsgrove, [Med.] *1873.

1853.

- *A. Nesbit Baugher, Galena, Ill., [Law, Jour.] *1862.
 Rev. Peter Bergstresser, D. D., Wilkesburg, Pittsburg, [Min.]
 Rev. Ferdinand Berkemeyer, Sellersville, [Min.]
 *Christopher Fine, New York City, [Law] *1899.
 *P. D. W. Hankey, Gettysburg, [Ed.] *1900.
 *Isaac B. Hankey, Ph. D., Cridersville. [Ed.] *1881.
 *Levi K. Hoch, Middletown, Md., *1874.
 *Rev. Thomas W. Kemp, Baltimore, Md., *1861.
 *Daniel S. Riddle, New York City, [Law] *1882.
 John Schwartz, White Hall, [Ed.]
 *Rev. Prof. Benj. C. Suesserott, Lancaster, [Ed.] *1876.
 *Rev. Timothy T. Titus, Hartwick, N. Y., [Min.] *1873.
 *Rev. William F. Ulery, Greensburg, [Min.] *1903.
 *Rev. Asa H. Waters, Jumontville, [Min.] *1903.

1854.

- *Prin. Legh R. Baugher, Indianapolis, Ind., [Ed.] *1899.
 Rev. Amos Copenhaver, Abilene, Kan., [Min.]
 *Rev. Lewis Hippee, Greenville, [Min.] *1901.
 *Rev. Adam Long, Rajahmundry, India, [Miss.] *1866.
 John T. Ross, Schellsburg,
 *Ezra Shieldknecht, Funkstown, Md., [Ed.] *1889.
 *George W. Schmucker, Philadelphia, *1905.
 Rev. James M. Schreckhise, Raphine, Va., [Min.]
 *Daniel J. Tritle, Gettysburg, *1871.
 *Rev. Erias Unangst, D. D., Hollidaysburg, [Miss.] *1903.
 Rev. Jacob F. Wampole, Shamokin, [Min.]
 Rev. Josiah Zimmerman, Lincoln, Neb., [Min.]

1855.

- *Rev. Jno. I. Burrell, Brooklyn, N. Y., [*Min.*] *1877.
 *Prof. Luther H. Croll, Sc. D., Gettysburg, [*Ed.*] *1889.
 *Rev. J. Frazier, Portland, Ind. *1885.
 Rev. Samuel A. Holman, D. D., 4536 N. Uber St., Philadelphia, [*Min.*]
 Rev. Prof. Eli Huber, D. D., Gettysburg, [*Ed.*]
 Rev. John A. Kunkelman, D. D., Greenville, [*Min.*]
 *Rev. Wm. F. Paxton, D. D., Waterloo, Ia., *1895.
 Hon. Jacob Rinehart, M. D., Frizzleburg, Md. [*Med.*]
 *James W. Shuey, M. D., Sherman, Texas, *1882.
 *Prof. Joseph R. Titzel, Greenville, [*Ed.*] *1898.

1856.

- Samuel Aughey, Ph. D., LL. D., Spokane, Wash., [*Ed.*]
 *John S. Cutter, New York City, [*Law*] *1863.
 *Rev. Prof. T. W. Dosh, D. D., Burkittsville, Md., [*Min., Ed.*] *1889.
 *Rev. Webster Eichelberger, Smithville, W. Va., *1886.
 Rev. Samuel M. Firey, Roanoke, Va., [*Min.*]
 *William Hay, York, [*Law*] *1883.
 *Hon. Adam Hoy, Bellefonte, [*Law, Jud.*] *1887.
 *Rev. Benjamin E. Kramlich, Kutztown, [*Min.*] *1900.
 *Rev. Henry W. Kuhns, D. D., Omada, Neb., [*Min.*] *1899.
 Rev. George W. Leisher, 117 19th St., Buffalo, N. Y., [*Min.*]
 Rev. George A. Long, Roanoke, Va.,
 *Daniel E. L. Mehring, Taneytown, Md., *1856.
 *Daniel R. Miller, Pine Grove. *1902.
 *C. Philip Muhlenberg, Reading, [*Law*] *1872.
 *J. Cassat Neely, Gettysburg, [*Law*] *1874.
 *Rev. Prof. Wm. M. Reiley, Ph. D., Allentown, [*Ed.*] *1892.
 Rev. John W. Schwartz, D. D., Worthington, [*Min.*]
 Edward H. M. Sell, M. D., 137 W. 94th St., New York City, [*Med.*]
 *Robert L. Sibbet, M. D., Carlisle, [*Med.*] *1898.
 *William M. Weidman, M. D., Reading, [*Med.*] *1902.
 Rev. Jacob Weidman, Clifton Heights, [*Min.*]
 *Rev. Benj. D. Zweizig, Reading, [*Min.*] *1903.

1857.

- *Rev. Prof. H. Louis Baugher, D. D., Gettysburg, [*Ed.*] *1899.
 Rev. Louis A. Bikle, D. D., Concord, N. C., [*Min.*]

- Rev. Prof. Jonathan R. Dimm, D. D., Selinsgrove, [*Ed.*]
 Rev. John W. Early, 931 N. Third St., Reading, [*Min.*]
 *Rev. John A. Earnest, D. D., Mifflinburg, [*Min.*] *1904.
 Rev. Henry R. Fleck, Huntingdon, [*Min.*]
 Rev. David M. Gilbert, D. D., 311 Walnut St., Harrisburg, [*Min.*]
 *Rev. Prof. Luther A. Gotwald, D. D., Springfield, O., *1900.
 *Rev. Cyrus S. Hoffa, Myerstown, [*Min.*] *1865.
 *Joseph M. Hughes, Dublin, Ind., *1891.
 Rev. Cor. L. Keedy, M. D., Hagerstown, Md., [*Ed.*]
 *W. Hamilton Myers, Hanover, [*Law*] *1892.
 Rev. George F. Schaeffer, D. D., R. R. 4, Spartansburg, S. C. [*Min.*]
 *Rev. Christian D. Ulery, Lionville, [*Min.*] *1862.
 *Calvin S. Walker, Paradise, [*Ed.*] *1865.
 George J. Weaver, Gettysburg, [*Merc.*] —

1858.

- *Col. David M. Armor, Pittsburg, [*Fin.*] *1881.
 *Rev. Solomon J. Berlin, Tremont, [*Min.*] *1868.
 *Maj. Thomas B. Burrowes, U. S. A., Chicago, Ill., *1885.
 *Rev. A. R. Horne, D. D., Allentown, [*Jour.*] *1902.
 Rev. Elias S. Johnston, D. D., Elk Lick, [*Min.*]
 Rev. Prof. Jacob B. Kershner, 7 Cedar St., Bellevue, [*Ed.*]
 *Rev. Edward J. Koons, Pottsville, [*Min.*] *1890.
 *Jonathan H. Kreitzer, Columbus, Tex., [*Ed.*] *1864.
 Rev. John Q. McAtee, 1714 S. 15th St., Philadelphia, [*Min.*]
 Rev. Victor Miller, Leitersburg, Md., [*Min.*]
 *Rev. Jacob B. Rath, Bethlehem, [*Min.*] *1885.

1859.

- *Daniel J. Benner, Washington, D. C., *1885.
 *T. B. Blauvelt, Saddle River, N. J., *1859.
 George M. Brinkerhoff, Springfield, Ill., [*Law*]
 *Rev. John W. Ebert, Fairfield, Ia., [*Min.*] *1867.
 William R. Eyster, Barnes, Kan., [*Law*]
 Rev. John G. Goettman, D. D., 108 W. Stockton Ave., Alleghany
 City, [*Min.*]
 *Abram L. Guss, Washington, D. C., [*Jour.*] *1887.
 Rev. Theophilus Heilig, Stroudsburg, [*Min.*]
 *Prin. William Kechler, Fayetteville, [*Ed.*] *1885.
 *Rev. Ferdinand C. H. Lampe, Williamsport, [*Min.*] *1884.
 *James H. Moore, Carlisle, *1881.

- *Thaddeus S. Warren, Washington, D. C., [*Gov.*] *1868.
 Arthur J. Weise, Troy, N. Y., [*Jour.*]
 *Rev. Franklin B. Wolf, Rebersburg, [*Min.*] *1885.

1860

- Rev. Benjamin F. Apple, Stroudsburg, [*Min.*]
 William H. Dill,
 *Rev. Josiah B. Fox, Slatington, [*Min.*] *1901.
 *Rev. Washington V. Gotwald, Lancaster, [*Min.*] *1869.
 *Rev. Johnson R. Groff, Doylestown, [*Min.*] *1904.
 *Rev. Abraham H. Groh, Myerstown, [*Min.*] *1866.
 Reuben M. Keedy, Hagerstown, Md., [*Merc.*]
 *Alexander A. Lechliden, Hagerstown, Md., *1898.
 *Rev. Hans J. H. Lemcke, Franklin, [*Min.*] *1900.
 *Prin. John F. McCreary, Shippensburg, [*Ed.*] *1891.
 *William Reed, Lairdsville, *1860.
 Rev. John M. Rice, East Stroudsburg,
 *Rev. Prof. Matthias H. Richards, D. D., Allentown, *1898.
 Charles H. Schaeffer, 524 Washington St., Reading, [*Law*]
 *Rev. Pres. David L. Tressler, Ph. D., Carthage, Ill. [*Ed.*] *1880.
 J. Warren Tryon, 44 S. Third St., Reading, [*Law*]
 Rev. James Q. Waters, North East, [*Min.*]
 Hon. Jacob B. Weidle, 136 N. Fifth St., Reading, [*Law, Jour.*]
 Robert Weidensall, Chicago, Ill., [*Gen. Sec. Y. M. C. A.*]

1861.

- Rev. I. Calvert Burke, D. D. 1301 N. Bond St., Baltimore, Md.
 [*Min.*]
 Rev. Joshua Cowpland, Ward, [*Min.*]
 Rev. Leonard Groh, D. D., 1539 N. 19th St., Omaha, Neb.,
 [*Min.*] *1905.
 *Jacob C. Hankey, Arlington, N. J., [*Merc.*]
 Rev. John P. Hentz, Germantown, O., [*Min.*]
 Rev. H. C. Holloway, D. D., Bellefonte, [*Min.*]
 Rev. Mahlon C. Horine, D. D., 148 S. 5th St., Reading, [*Min.*]
 *Jeremiah W. Hoy, M. D., Bloomville, O., [*Med.*] *1892.
 Charles E. Humphrey, M. D., Bethlehem, [*Med.*]
 Andrew T. Kistler, Loysville.
 Rev. J. H. A. Kitzmiller, 1046 5th Ave., Pittsburg.
 Rev. Christopher W. Knauff, Flushing, L. I., N. Y., [*Min.*]

- *Rev. Charles E. Murray, D. D., Philadelphia, [*Min.*] *1899.
 Henry Plowman, Chicago, Ill., [*Fin.*]
 Rev. Junius B. Remensnyder, D. D., LL. D., 900 Madison Ave.,
 New York City, [*Min.*]
 *T. Duncan Renfrew, Fayetteville, *1892.
 Rev. Prof. Henry W. Roth, D. D., Passavant Hospital, Pittsburg.
 M. Luther Ruthrauff, Soldiers' and Sailors' Home, Bath, N. Y.
 *Rev. Abel Thompson, Ursina, [*Min.*] *1881.
 *John C. Uhler, New York City, *1901.
 J. Howard Wert, 912 N. Second St., Harrisburg, [*Ed.*]
 *Rev. John R. Williams, Chicora, [*Min.*] *1897,

1862.

- Hon. Frank E. Beltzhoover, M. C., Carlisle, [*Law*]
 *John W. Croll, York. *1862
 Rev. Martin L. Culler, Bedford, [*Min.*]
 *Rev. Albert Ebeling, Washington, D. C., [*Gov.*] *1865.
 Rev. Samuel A. K. Francis, 1431 S. 10th St., Philadelphia, [*Min.*]
 Rev. Prof. Henry E. Jacobs, D. D., LL. D., Mt. Airy, Phila-
 delphia, [*Ed.*]
 *Henry H. Keedy, Hagerstown, Md., [*Law.*] *1893.
 Rev. Jacob B. Keller, R. R. 20, Williamsport, Md., [*Min.*]
 Rev. Duncan M. Kemerer, 7422 Idlewild St., Pittsburg, [*Min.*]
 *Rev. Frederick Klinefelter, York, [*Min.*] *1903.
 *Charles V. S. Levy, Frederick, Md., [*Law*] *1895.
 *Alexander M. Miller, M. D., Johnstown, [*Med.*] *1877.
 John T. L. Sahm, Wilkesbarre, [*Law*]
 Rev. Jonathan Sarver, D. D., Saegertown, [*Min.*]
 *Augustus D. Schæffer, Westminster, Md., [*Law*] *1877,
 Claudius G. Treichler, M. D., Honeybrook, [*Med.*]
 Prof. Rufus B. Weaver, M. D., Hahn. Med. C., Philadelphia.
 *Hon. Mason Weidman, Pottsville, [*Law, Jud.*] *1897.

1863.

- *Joseph P. Blymyer, Harrisburg, [*Merc.*] *1885.
 Rev. Michael Colver, Middletown, Ind., [*Min.*]
 *Rufus E. Culp, Gettysburg. *1904.
 *Rev. John C. Dizinger, Camden, N. J., [*Min.*] *1903.
 *Rev. F. Adam Fair, Agency City, Ia., [*Min.*] *1865.
 *Orlando L. Fegley, M. D., Allentown, [*Med.*] *1900.

- *George W. Frederick, Philadelphia, [*Merc.*] *1904.
 *Rev. Samuel E. Furst, Schellsburg, [*Min.*] *1894.
 *Prof. Davis Garver, Ph. D., Allentown, [*Ed.*] *1896.
 Rev. S. A. Hedges, Jefferson, Md., [*Min.*]
 *Luther D. Jacobs, M. D., Emporia, Kan., [*Med.*] *1904.
 Eugene L. Rowe, Emmittsburg, Md., [*Law*]
 Hon. Samuel D. Schmucker, LL. D., 1712 Park Ave., Baltimore,
 Md., [*Law, Jud.*]
 Rev. J. Lawson Smith, D. D., 6024 Station St., Pittsburg.
 *Rev. William H. Steck, Coatesville, [*Min.*] *1903.
 *Rev. Prof. Edmund J. Wolf, D. D., LL. D., Gettysburg, [*Ed.*] —
 *1905.

1864.

- Hon. George M. Beltzhoover, Shepherdstown, W. Va., [*Law*]
 Rev. John J. Cressman, Kutztown, [*Min.*]
 Rev. Philip Doerr, Adamsburg, Westmoreland Co., [*Min.*]
 *Charles A. Heilig, Lutherville, Md., *1870.
 J. Clinton Hill, Williamsport, [*Law*]
 *John M. Krauth, Gettysburg, [*Law, Jour.*] *1890.
 Edmund W. Meisenhelder, M. D., York, [*Med.*]
 *Francis Muhlenberg, M. D., Philadelphia, [*Med.*] *1894.
 Rev. Thomas C. Pritchard, Phillipsburg, N. J., [*Min.*]
 *Rev. Frank Richards, D. D., Zanesville, Ohio, [*Min.*] *1904.
 *Rev. Pres. Theodore L. Seip, D. D., Allentown, [*Ed.*] *1903.
 Rev. Jacob D. Shindel, D. D., Allentown, [*Min.*]
 Rev. Horatio Watkins, Lockport, N. Y., [*Min.*]

1865.

- Rev. Prof. Thos. C. Billheimer, D. D., Gettysburg, [*Ed.*]
 Rev. Matthew G. Boyer, D. D., 1232 N. 25th St., Philadelphia,
 Hon. Constantine J. Erdman, M. C., Allentown, [*Law*]
 Rev. Zenas Henry Gable, 104 S. 4th St., Reading, [*Min.*]
 *Rev. Samuel S. Henry, Smallwood, Md., [*Min.*] *1901,
 *Joseph Hillpot, Allentown, *1896.
 Rev. Jesse C. Koller, D. D., Hanover, [*Min.*]
 Jacob A. Krumrine, M. D., 1401-4 Unity Bldg., Chicago, Ill.
 Rev. Pres. H. W. McKnight, D. D., LL. D., Gettysburg, [*Ed.*] —
 Samuel F. Rathvon, 1442 Humboldt St., Denver, Col., [*Fin.*]
 *Wm. M. Rightmyer, Reading, [*Law*] *1888
 John M. Young, Williamsport, [*Law*]
 Hon. Edward Danner Ziegler, M. C., York, [*Law*]

1866.

J. Artley Beeber, Williamsport, [*Law*]Rev. Prof. Philip M. Bikle, Ph. D., Gettysburg, [*Ed.*]

Herman S. Cook, 5149 Parrish St., Philadelphia,

Rev. William H. Gotwald, D. D., LL. D., 1326 32 St., N. W.,
Washington, D. C., [*Min.*]

Charles C. Hengerer, 370 Walnut St., Buffalo, N. Y.

Andrew J. Riley, Altoona, [*Law*]

Thomas W. Saeger, Allentown.

Rev. William C. Schaeffer, D. D., Savannah, Ga., [*Min.*]*Rev. Henry L. Ziegenfuss, D. D., Poughkeepsie, N. Y., [*Min.*]

*1894.

1867 .

Charles S. Albert, D. D., 1919 Park Ave., Philadelphia, [*Jour.*]*John G. Blyholder, Philadelphia, [*Min.*]

*1868.

Hon. J. Hay Brown, LL. D., Lancaster, [*Law, Jud.*]Rev. Charles J. Cooper, D. D., Allentown, [*Min.*]Jacob R. Custer, Chicago, Ill., [*Law*]Robert J. Fisher, 1915 Kalorama Ave., Washington, D. C., [*Law*]T. Frank Garver, Salina, Kan., [*Law*]*Hart Gilbert, Gettysburg, [*Ed.*]

*1898.

M. William Jacobs, 213 S. Front St., Harrisburg, [*Law*]*Rev. Daniel K. Kepner, Pottstown, [*Min.*]

*1897.

Rev. William E. Parson, D. D., 309 N. J. Ave., S. E., Washing-
ton, D. C., [*Min.*].Prof. Samuel P. Sadtler, Ph. D., LL. D., 10th and Chestnut Sts.
Philadelphia, [*Ed.*]

Prince H. Schaeffer, 1309 Columbia Av., Philadelphia.

*Rev. Benaiah C. Snyder, Allentown, [*Min.*]

*1883.

Jacob J. Weaver, M. D., Uniontown, Md., [*Med.*]

1868.

Prof. Edward S. Breidenbaugh, Sc. D., Gettysburg, [*Ed.*]Augustus J. Erdman, Macungie, [*Law*]Preston K. Erdman, Land Title Bldg., Philadelphia, [*Law*]George S. Eyster, B. S. (1874), Ph. D. (1882), 10 Centre St.,
Boston, Mass.Rev. A. Stewart Hartman, D. D., 914 N. Carrollton Ave., Balti-
more, Md., [*Min.*]

- John W. Hay, M. D., 1402 N. Third St., Harrisburg
 *Rev. Lee M. Heilman, D. D., Harrisburg, [*Min.*] *1897.
 *William F. Hill, Gettysburg, [*Eng.*] *1894.
 Rev. Robert F. McClean, Mechanicsburg. [*Min.*]
 Rev. David L. Mackenzie, Lykens. [*Min.*]
 Jacob Rhone, State College, [*Law*]
 Rev. Prof. James W. Richard, D. D., LL. D., Gettysburg, [*Ed.*]
 William C. Stœver, 727 Walnut St., Philadelphia, [*Law*]

1869.

- Horace Alleman, Selinsgrove, [*Law*]
 Rev. Thomas R. Beeber, D. D., Norristown, [*Min.*]
 John J. Brinkerhoff, Springfield, Ill., [*Law*]
 Rev. Jacob A. Clutz, D. D., Gettysburg, [*Min.*]
 Rev. Josiah F. Cressler, New Cambria, Kan., [*Min.*]
 *Supt. Frederick R. Feitshans, Springfield, Ill., [*Ed.*] *1886.
 Rev. John W. Finkbiner, D. D., Colorado Springs, Col., [*Min.*]
 Jacob M. Gross, M. D., York.
 *Rev. William S. Heindel, Gettysburg, [*Min.*] *1877.
 Rev. M. Luther Heisler, 1211 Kittatinny St., Harrisburg.
 Rev. Edward T. Horn, D. D., 527 Washington St., Reading, [*Min.*]
 James W. Humrichouse, M. D., Hagerstown, Md., [*Med.*]
 *Rev. Jacob Neff, Spring City, [*Min.*] *1896.
 Augustus Shultes, Morrisburg, Ontario, Can.
 Joseph A. Tomlinson, 2039 Arch St., Philadelphia.
 *Luther G. Wile, Philadelphia. *1880.

1870.

- W. Hamilton Bayly, 2125 N. St., Washington, D. C., [*Law, Gov*]
 Rev. David W. Cassat, Corning, Ia., [*Min.*]
 Rev. Abraham G. Fastnacht, D. D., York, [*Min.*]
 J. Calvin Felty, M. D., Asylum for Insane, Trenton, N. J., [*Med.*]
 *Rev. John T. Gladhill, Conshohocken, [*Min.*] *1902.
 *Benj. J. Hickman, Bolington, Va., *1871.
 John L. Hill, Jr., Gettysburg, [*Law*]
 Prof. John A. Himes, Litt. D., Gettysburg, [*Ed.*]
 John L. Kendlehart, Gettysburg, [*Law*]
 John L. Kraber, High Point, N. C., [*Law*]
 William A. List, Wheeling, W. Va., [*Fin.*]
 Rev. Edmund Manges, Oakland, Md., [*Min.*]

Frank W. Mehaffey, Chambersburg, [*Law*]
 Rev. M. Reed Minnich, 4717 Hazel Ave., Philadelphia, [*Merc.*]
 Frederick M. Ott, 222 Market St., Harrisburg, [*Law*]
 John M. Radebaugh, M. D., Pasadena, Cal., [*Med.*]
 Rev. John M. Reimensnyder, D. D., Milton, [*Min.*]
 Thomas J. Stahle, Gettysburg, [*Jour.*] —

1871.

Rev. Prof. Edward F. Bartholomew, D. D., August C., Rock
 Island, Ill., [*Ed.*]
 Rev. Samuel E. Busser, 2350 Prospect Ave., Berkley, Cal. [*Ed.*]
 Rev. J. Samuel Detweiler, D. D., Floyd and Breckenridge Sts.,
 Louisville, Ky.,
 Rev. William H. Dunbar, D. D., 1900 St. Paul St., Baltimore, Md.
 M. J. Allen Emory, Frenchtown, N. J., [*Law*]
 Rev. David Z. Foulk, York Springs, Pa.
 Philip M. Graff, Duluth, Minn.
 Rev. Charles E. Hay, D. D., 2425 W. North Ave., Baltimore, Md.
 [Min..]
 *William H. Kain, York, [*Law*] *1883.
 Rev. Augustus J. B. Kast, Berlin Centre, O. [*Min.*]
 Rev. Robert H. Kline, Allentown, [*Min.*]
 *Frederick G. Knapp, Martin's Ferry, O., *1873.
 Rev. David T. Koser, Arendtsville, [*Min.*]
 Benjamin Kurtz, 215 Woodlawn Rd., Baltimore, Md., [*Law*]
 *Rev. Walter H. Lilly, Van Wert, O., [*Min.*] *1892.
 Rev. George Michael, Walker, Minn., [*Min.*]
 Rev. Samuel Palmer, 226 Ohio St., Lawrence, Kansas.
 J. McPherson Scott, M. D., Hagerstown, Md., [*Med.*]
 *Henry A. Smeltz, Tarpon Springs, Fla. *1904.
 Prof. George D. Stahley, M. D., Gettysburg, [*Ed.*] —
 Rev. John Wagner, D. D., Hazelton, [*Min.*]
 Rev. Samuel A. Weikert, 448 Van Houten St., Paterson, N. J. [*Min.*]
 Charles M. Wolff, Hanover, [*Law*]

1872.

George N. Acker, M. D., 913 16th St., Washington, D. C., [*Med.*]
 *Rev. J. Croll Baum, Philadelphia, [*Min.*] *1886.
 G. Ament Blose, Hamilton, [*Law*]
 Rev. John Brubaker, D. D., East Schodack, N. Y., [*Min.*]

- Rev. Benjamin B. Collins, Meyersdale, [*Min.*]
 Rev. Isaiah B. Crist, Mays Landing, N. J., [*Min.*]
 *Harrison S. Culp, McAllisterville, [*Ed.*] *1875.
 Rev. Samuel A. Diehl, Bendersville, [*Min.*]
 Rev. Anthony K. Felton, Smithville, O., [*Min.*]
 Rev. William E. Fisher, D. D., Shamokin, [*Min.*]
 Rev. George W. Fortney, Suffern, Rockland Co., N. Y., [*Min.*]
 *Rev. John W. Friday, Harper's Ferry, W. Va., [*Min.*] *1877.
 *John E. Gilbert, M. D., Gettysburg, [*Med.*] *1882.
 *Christian Hoover, Smithsburg, Md., *1873.
 Rev. Prof. John L. Kistler, Sc. D., Hartwick Seminary, N. Y., [*Ed.*]
 Rev. J. Alfred Koser, Nebraska City, Neb., [*Min.*]
 Rev. John H. H. Leaser, 912 Penn St., Reading, [*Min.*]
 Rev. Daniel M. Moser, Schuylkill Haven, [*Min.*]
 *Legh R. Myers, Bethlehem, [*Law*] *1895.
 Rev. Ferdinand W. E. Peschau, D. D., Miamisburg, O., [*Min.*]
 Rev. John W. Poffinberger, Vandergrift, [*Min.*]
 William K. T. Sahn, M. D., 125 Union Station, Pittsburg, [*Med.*]
 Rev. Sylvanus Stall, D. D., 1134 Real Estate Trust Bldg., Phila.
 Hon. Samuel McC. Swope, Gettysburg, [*Law, Jud.*]
 Rev. John N. Zimmer, Abilene, Kan., [*Min.*]

1873.

- Neander N. Cronholm, Ph. D., Chicago, Ill., [*Law*]
 Rev. William S. Freas, D. D., 2114 E. Baltimore St., Baltimore,
 Md., [*Min.*]
 *Rev. Silas W. Gossler, Philadelphia, [*Min.*] *1880.
 Rev. Philip Graif, D. D., Lincoln, Neb., [*Min.*]
 Rev. Joseph F. Hartman, D. D., Lafayette Hill, [*Min.*]
 *Rev. Daniel M. Lamotte, Woodsboro, Md., [*Min.*] *1885.
 Rev. Edwin H. Leisenring, D. D., Chambersburg, [*Min.*]
 Rev. Lemuel L. Sieber, D. D., Gettysburg, [*Min.*]
 Rev. Prof. John A. Singmaster, D. D., Gettysburg, [*Ed.*]
 Supt. William R. Snyder, Muncie, Ind., [*Ed.*]
 Rev. Chester H. Traver, D. D., West Camp, N. Y., [*Min.*]
 *George F. Unger, Danville, *1874.
 Rev. Francis H. Weaver, Newry, [*Chap. U. S. A. (Ret.)*]
 Rev. Theodore J. Yost, 12 W. 103 St., New York City.
 Rev. Jeremiah Zimmerman, D. D., LL. D., Syracuse, N. Y. [*Min.*]

1874.

Charles Baum, M. D., Ph. D., 1828 Wallace St., Philadelphia, [Med.]

Hon. T. Dimmer Beeber, Land Title Bldg., Philadelphia, [Law]

*James L. A. Burrell, M. D., Williamsport, [Med.] *1891.

Hon. Luther A. Burrell, 2211 Park Ave., Cincinnati, O.

Alfred A. Dale, Bellefonte, [Law]

Clement Dale, Bellefonte, [Law]

A. Seiss Downing, Albany, N. Y., [Ed.]

John H. Ehrehart, Grand Central Depot, New York City, [Trans.]

*Philip T. Ehrehart, New Chester, *1877.

Rev. Pres. John B. Focht, D. D., Selinsgrove, [Ed.]

Hon. Henry Wm. Harter, Canton, O., [Law, Jud.]

Prof. Milton B. Hartzell, M. D., 3644 Chestnut St., Phila., [Ed.]

James Wm. Kendlehart, Gettysburg, [Fin.] —

Rev. William S. T. Metzger, Jefferson, Md., [Min.]

Rev. Wilson L. Remsburg, Santa Barbara, Cal., [Min.]

Rev. Melanchthon C. T. Sahm, Centre Oak, [Min.]

Rev. Frederick W. Staley, Ardmore, [Min.]

Rev. Charles M. Stock, D. D., Hanover, [Min.]

Charles A. Suesserott, Chambersburg, [Law]

George E. Titus, M. D., Hightstown, N. J., [Med.]

Rev. John A. Wirt, D. D., Des Moines, Ia., [Min.]

Rev. Joseph B. Wolff, Glen Rock, [Min.]

BACHELOR OF SCIENCE.

V. Prov. Edgar F. Smith, Ph. D., Univ. Pa., Philadelphia, [Ed.]

1875.

Rev. Martin L. Beard, Middletown, Md., [Min.]

Rev. Mark S. Cressman, D. D., Lewistown, [Min.]

Mercer B. Croll, M. D., Middletown, [Med.]

John Croll, Middletown,

Rev. Charles T. Durboraw, Ottawa, Kan. [Min.]

Rev. Edward G. Hay, Red Hook, N. Y., [Min.]

Hon. G. Edwin M. Herbst, M. D., Oley, [Med.]

DeWitt C. Hillegas, 3323 N. Broad St., Philadelphia, [Merc.]

Rev. Albert Homrighaus, 130 Toledo Ave., Detroit Mich., [Min.]

Charles C. Kerlinger, York.

Jas. S. Lewars, Williamsport, [Law]

Prof. James McConaughy, Bib. Tr. Sch., Northfield, Mass., [Ed.]

Rev. Jeremiah M. Snyder, Strongstown, [Min.]

Rev. Elias D. Weigle, D. D., Mechanicsburg, [Min.]

*Rev. Martin L. Young, Ph. D., Cumberland, Md., [Min.] *1904.

1876.

- John S. Alleman, 1209 S. Street Washington, D. C., [Law]
 Louis H. Clement, Salisbury, N. C., [Law]
 Rev. Philip C. Croll, D. D., Lebanon, [Min.]
 *Prof. George R. Freeman, Meadville, [Ed.] *1898.
 *Charles H. Graff, M. D., Duluth, Minn., *1889.
 Rev. George C. Henry, Shippensburg, [Min.]
 *David Horner, Gettysburg, *1880.
 Rev. James C. Jacoby, D. D., Queen City, Mo., [Min.]
 *John F. Kime, New Oxford, N. Dak., [Law] *1895.
 Rev. Oliver H. Melcher, Springtown, [Min.]
 Rev. Luther K. Probst, D. D., 241 N. Monroe St., Col-
 umbus, O. [Min.]
 Rev. Wm. F. Rentz, Pottsville, [Min.]
 Rev. William A. Shipman, D. D., Johnstown, [Min.]
 Rev. Samuel E. Smith, Lamartine, [Min.]
 Samuel S. Willard, New Bloomfield.
 Rev. Jacob Yutzy, D. D., Carthage, Ill., [Min.]

1877.

- Rev. Wm. M. Baum, Jr., D. D., Canajoharie, N. Y. [Min.]
 Hon. Harry M. Clabaugh, LL. D., 1527 R. I. Ave., Washington,
 D. C., [Jud.]
 W. K. Copenhaver, 6338 Harvard Ave., Chicago Ill., [Law]
 J. Haines Crist, Monero, N. Mexico, [Law]
 George W. Gross, Sc. D., York.
 John P. Hecht, M. D., Somerville, N. J., [Med.]
 William R. Hoch, M. D., 108 Central Blk., Pueblo, Col.
 Rev. Benjamin F. Kautz, Seven Valley, [Min.]
 *John Kline, Bellefonte, [Law] *1898.
 *William C. Koller, Glen Rock, *1878.
 Francis A. Kurtz, Baltimore, Md., [Law]
 Rev. Prof. Frank P. Manhart, D. D., Selinsgrove, [Ed.]
 Benjamin K. Miller, 107 Wisconsin St., Milwaukee, Wis., [Law]
 George P. Miller, J. U. D., 102 Wisconsin St., Milwaukee, Wis.,
 [Law]
 C. Augustus Sattler, Newbern, N. C., [Law]
 *J. Bion Scott, M. D., Gettysburg, [Med.] *1904.
 Rev. William L. Seabrook, Newberry, S. C., [Min.]
 Rev. Henry Sharp, Manhattan, Kan., [Min.]

- *Alter Y. Shindel, Danville, *1878.
 Rev. Prof. Milton H. Stine, Ph. D., (1896), Irving College,
Mechanicsburg, [Ed.]
 Rev. Charles S. Trump, Martinsburg, W. Va., [Min.]
 Rev. Jonathan A. West, Montpelier, O., [Min.]
 *Rev. Henry B. Wile, D. D., Carlisle, [Min.] *1899.
 Rev. John J. Young, D. D., 79 Christopher, St., N. Y. City, [Min.]

1878.

- Rev. John U. Asper, Walkersville, Md., [Min.]
 Rev. Albert Bell, 129 East Maple St., York, [Min.]
 Hon. Geo. J. Benner, M. C., Gettysburg, [Law]
 G. Maurice Culp, Rodendo, Cal.
 Rev. Holmes Dysinger, D. D., Vandergrift, [Min.]
 Rev. Alfred R. Glaze, Saxton, [Min.]
 Rev. James A. Hartman, Bellwood, [Min.]
 *Rev. H. Maximus Lentz, Shepherdstown, W. Va., [Min.] *1902.
 Rev. John F. Mackley, M. D., Fairfield, [Ag.]
 Rev. Chambers L. McConnell, Mifflinburg, [Min.]
 *Hon. Verus H. Metzger, Williamsport, [Law] *1891.
 Rev. Oliver C. Roth, D. D., Altoona, [Min.]
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1879.

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 Winslow S. Pierce, 19 W. 58th St., New York City, [Law]
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 J. Witmer Wolf, Centre Hall.

1880.

- Rev. George S. Bowers, Winchester, Va., [Min.]
 Rev. Clarence A. Eyler, Waynesboro.

- Rev. A. H. Franke Fischer, D. D., 63 N. 4th St., Easton, [*Min.*]
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 Supt. Daniel Fleisher, Ph. D. (1888), Columbia, [*Ed.*]
 *Rev. Junius B. Fox, Ph. D. (1890), Staunton, Va., [*Min.*] *1900.
 Rev. Charles W. Heisler, D. D., 9 Lodge St., Albany N. Y., [*Min.*]
 Rev. Martin P. Hocker, Steelton, [*Min.*]
 Rev. Jacob E. Maurer, Lititz, [*Min.*]
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 Sterling G. Valentine, B. S. (1882,) Ph. D. (1886), Dunbar.
 Rev. Pres. Luther B. Wolff, D. D., Watts C., Guntur, India, [*Ed.*]

1881.

- Charles W. Burrell, Remington Type Wr. Co., Los Angeles, Cal,
 Rev. Jacob W. Byers, Ph. D., D. D., Upper Sandusky, O., [*Min.*]
 George L. Croll, Sparrow's Point, Md.
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 Benjamin V. D. Fisher, 143 Liberty St., New York City. [*Law*]
 Raymond F. Forrest, Siloam Springs, Ark., [*Law*]
 *Rev. Frank R. Kahler, Southington, Conn., [*Min.*] *1894.
 Thomas C. Linn, Salisbury, N. C., [*Law*]
 *Emory L. Loudon, Altoona, Pa., *1900.
 William F. Musser, Salina, Kan., [*Law*]
 Robert M. Scott, D. D. S., West Chester.
 Rev. William P. Swartz, Ph. D., (1900) Poughkeepsie, N. Y., [*Min.*]
 Rev. Samuel J. Taylor, Selinsgrove, [*Min.*]
 *Ephraim F. Tracy, Westminster, Md., [*Law*] *1887.
 *Harry D. Withers, M. D., Paterson, N. J., [*Med.*] *1895.
 *Madison F. Zimmerman, Andersonburg, *1887.

1882.

- Charles W. Bingham, Cedar Rapids, Ia., [*Law*]
 Martin H. Buehler, 416 Seventh Av., Pittsburg.
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 Charles S. Duncan, Gettysburg, [*Law*]
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- Henry M. Freas, M. D., 418 Huntingdon St., Philadelphia, [*Med.*]
 *Rev. George D. Gotwald, Kansas City, Mo., [*Min.*] *1890.
 *John F. Herman, Olathe, Kan., [*Law*] *1897.
 Rev. Horace L. Jacobs, 1000 N. Sixth St., Harrisburg, [*Min.*]
 Wm. Archibald McClean, Gettysburg, [*Law, Jour.*]
 Rev. John L. Metzger, Penbrook, [*Min.*]
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 Philadelphia, [*Jour.*]
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 Luther M. Weaver, D. D. S., 7103 Woodland Ave., Philadelphia.
 W. Warren Weaver, M. D., 61st and Woodland Ave., Phila. [*Med.*]
 Rev. Henry H. Weber, D. D., York.
 Rev. James E. Zerger, Jersey Shore. [*Min.*]
 1883.
 Alfred B. Ames, 125 Westminster Ave., Atlantic City, N. J.
 Rev. George Wm. W. Amick, Nevada, O., [*Min.*]
 Rev. William W. Anstadt, Hollidaysburg, [*Min.*]
 Rev. Charles W. Baker, Lena, Ill., [*Min.*]
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 Luther A. Brewer, Cedar Rapids, Ia., [*Law, Jour.*]
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 Conn., [*Ed.*]
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 William H. Jordy, New York City.
 Rev. Luther M. Kuhns, 2569 Pierce St., Omaha, Neb., [*Min.*]
 *Reuben McD. Linton, Somerset, [*Law, Jour.*] *1899.
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 Kent K. Wible, Sierra Madre, Los Angeles Co., Cal.
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1884.

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 *Meade D. Detweiler, Harrisburg, [*Law*] *1904.
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 DeW. Clinton R. Miller, M. D., Mason and Dixon, [*Med.*]
 Murray G. Motter, M. D., B. S. (1887), 1815 Belmont Ave.,
 Washington, D. C., [*Med.*]
 *Harvey H. Rouzer, Baltimore, Md., [*Law*] *1903.
 Thaddeus B. Seigle, *Lieut. U. S. A.*, Fort Sheridan, Ill.
 Edward C. Shafer, Brunswick, Md., [*Jour.*]
 Rev. Braden E. Shaner, Tarentum, [*Min.*]
 Rev. Prof. John G. Traver, D. D., Hartwick Seminary, N. Y., [*Ed.*]
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 Rev. Prof. Victor G. Tressler, Ph. D., 66 E. Ward St., Spring-
 field, O., [*Ed.*]

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Franklin Menges, Ph. D. (1888), York.

Morris L. Rouzer, Thurmont, Md.

1887.

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Sidney E. Bateman, M. D., 547 N. 52nd St., Phila., [*Med.*]

Rev. Ira F. Brame, Carlisle, [*Min.*]

Rev. William I. Burrell, Covington. [*Min.*]

Rev. Prof. Melanchthon Coover, Gettysburg, [*Ed.*] —

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Rev. Mosheim R. W. Fishburn, 3109 16th St., Washington, D. C.,
[*Min.*]

Rev. Prof. James H. C. Fisher, Mount Pleasant, N. C., [*Ed.*]

*Rev. Cyrus G. Focht, Dickinson, [*Min.*]

*1893.

Gottlieb Holzapfel, Cleona.

Rev. J. A. McDermad, Aspers, [*Ag.*]

Rev. Amos A. Parr, Spring Forge, [*Min.*]

*Alten Schmell, Mt. Bethel,

*1888.

Prof. I. Newton Snively, M. D. 1617 N. Broad St., Phila., [*Med. Ed.*]

Rev. Harry G. Snyder, 89 Sycamore St., Tiffin, O., [*Min.*]

Charles E. Stahle, Gettysburg. [*Law*] —

Rev. William F. Steck, Muncy, [*Min.*]

Rev. Aidtkin G. Wolf, McConnellsburg, [*Min.*]

1888.

Rev. John Aberly, Guntur, India, [*Miss.*]

Rev. Luther S. Black, 802 N. 3d St., Reading. [*Min.*]

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Rev. J. Milton Francis, 1131 S. Second St. Springfield, Ill., [*Min.*]

William E. Fry, Pasadena, Cal.

Rev. Daniel F. Garland, 508 W. 4th St., Dayton, O., [*Min.*]

Rev. Leander Goetz, 1029 Powell Ave., Evansville, Ind., [*Min.*]

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Rev. J. Harry Main, 209 Linden Ave., Sharpsburg, [*Min.*]

Prof. Frederick E. Metzger, Md. Coll., Lutherville, Md., [*Ed.*]

Rev. John C. Reighard, St. Thomas, [*Min.*]

Howard C. Rouzer, 223 St. Paul St., Baltimore, Md.

Howard P. Sadtler, 400 Md. Telephone Bldg., Balto., Md. [*Law*]

Rev. John Weidley, D. D., 521 N. Euclid Ave., Pittsburg, [*Min.*]

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John H. Beckley, 157 D St. S. E., Washington, D. C., [*Gov.*]

1889.

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Horace W. Bikle, 5170 Woodworth St., Pittsburg.

Morris W. Croll, Ph. D., 3733 Walnut St., Philadelphia.

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Rev. Charles B. Etter, Wadsworth, O., [*Min.*]

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Edward C. Hecht, 595 Courtland Ave., Brooklyn, N. Y.

Rev Albert M. Heilman, Shrewsbury, [*Min.*]

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Rev. John H. C. Manifold, Turbotville, [*Min.*]

Rev. Samuel J. McDowell, 160 Clifton Ave., Springfield, O. [*Min.*]

Hon. Donald P. McPherson, Gettysburg, [*Law*] —

Norman C. McPherson, 4924 Centre Ave., Pittsburg.

Rev. Robert S. Patterson, Berlin, [*Min.*]

Rev. William L. Rutherford, Dixon, Ill., [*Min.*]

John R. Scott, 615 Clyde St., Pittsburg, [*Law*]

Rev. John F. Seibert, North Platte, Neb., [*Min.*]

Henry A. Spangler, M. D., Carlisle. [*Med.*]

Rev. Theodore B. Thomas, 204 Third Ave., Altoona, [*Min.*]

*Ira L. Tipton, Philadelphia, [*Ed.*]

*1904.

Rev. Harry E. Wieand, Kipple, [*Min.*]

Rev. Horace E. Zimmerman, Dickinson, [*Min.*]

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1890.

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Rev. Edward E. Blint, Littlestown. [*Min.*]

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 Rev. Oscar H. Gruver, 642 Eighteenth St., Oakland, Cal., [*Min.*]
 Lorenzo E. Kepler, Frederick, Md., [*Merc.*]
 Edward C. Kershner, M. D., 77 W. 101 St. New York City, [*Med.*]
 Rev. J. F. W. Kitzmeyer, Gladstone Ave., Baltimore, Md.
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 George W. Rowe, Penn Mutual Life Ins. Co., Philadelphia.
 Rev. Ulysses S. G. Rupp, 1716 N. Caroline St., Baltimore, Md.,
 [*Min.*]

Rev. Franz S. Schultz, 115 H. St., Johnstown, [*Min.*]
 Joseph S. Shapley, Newport, [*Law*]
 William B. Small, M. D., 2232 Green St., Philadelphia, [*Med.*]
 *Rev. Luther T. Snyder, Orrstown, [*Min.*] *1904
 Rev. William J. Wagner, Buckhorn, [*Min.*]
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 Samuel E. Whitmer, Newport.
 Rev. Noah E. Yeiser, 714 Wilton St., Philadelphia.


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*Robert N. Hartman, Ph. D., Golden, Col. [*Ed.*]

*1903.

Rev. Pres. Samuel G. Hefelbower, Gettysburg, [*Ed.*] —

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Luther C. Peter, M. D., 2136 Oxford St., Philadelphia, [*Med.*]

Rev. August Pohlman, M. D., 5143 Race St., Philadelphia, [*Min.*]

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Prin. William L. Smyer, Des Plaines, Ill., [*Ed.*]

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*Adam C. Stup, Frederick, Md.,

*1894.

Rev. M. Luther Tate, Newton, Ia., [*Min.*]

Charles W. Walker, Somerset, [*Law*]

Edmund J. Wolf, Kansas City, Kan., [*Fin.*]

Rev. Robert B. Wolf, Kansas City, Kan., [*Min.*]

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1892.

John J. Albert, 2307 32nd St., Washington, D. C.

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 Rev. George J. M. Ketner, 1339 Chisholm St., New York City,
[*Min.*]
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 *William L. Ulery, Greensburg. *1904.

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 Clayton J. Ziegler, Penn's Grove, N. J., [*Chem.*]

1893.

- Charles E. Allison, M. D., Elysburg, [*Med.*]
 William L. Ammon, York, [*Law*]
 Rev Will F. Bare, 111 E. 7th Ave., Conshohocken, [*Min.*]
 George C. Baum, 2415 Farmers' Bank Bldg., Pittsburg.
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 *Prof. Daniel F. Culler, St. Louis, Mo., *1903.
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Charles H. May, J. H. Univ., 104 Jackson Pl., Baltimore, Md., [Med.]

Arthur E. Rice, 1916 Douglas St. Omaha, Neb.

Joseph E. Rowe, Univ. of Va., Charlottesville, Va.

Hauer H. Sharp, (Sem.), Lebanon.

Walter Y. Sprenkle, 106 W. Stockton Ave., Allegheny.

Frederick C. J. Sternat, (Sem.) 1135 Hamburg St., Baltimore, Md., [Min.]

Ira W. Trostle, (Sem.), Arendtsville, [Min.]

Samuel P. Weaver, Univ. of Mich., Ann Arbor, Mich., [Law]

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 Clarence M. Schaeffer, Hanover.

NOTE.—Information to correct or complete this record will always be gratefully received.

The following additional addresses of Chicago Alumni were received too late for insertion in their proper places:

- 1860. Robert Weidensall, Room 703, 153 Lasalle St.
- 1861. Henry Plowman, 8528 Lowe Ave.
- 1867. Jacob R. Custer, 3928 Grand Boul.
- 1873. Neander N. Cronholm, Ph.D., 3039 Groveland Ave.

There must also be added:

*Rev. Peter Bergstresser, D. D.,

*1905

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Seventy-fourth Annual Catalogue

OF THE

OFFICERS AND STUDENTS

OF

PENNSYLVANIA COLLEGE

GETTYSBURG, PENN'A

FOR THE ACADEMIC YEAR

1905--1906

CALENDAR 1905-1907.

1905.

Sept. 14. Thursday morning—beginning of First Term.
Dec. 20. End of First Term.

WINTER VACATION

1906.

Jan. 3. Beginning of Second Term.
Jan. 28. Day of Prayer for Colleges.
Mar. 28. End of Second Term.

RECESS, NOON MARCH 28, TO MORNING APRIL 4.

April 4. Beginning of Third Term.
May 3. Junior Latin Examination for Hassler Prize.
June 4, 5, 6. Final Examination of Senior Class.
June 10. Sunday Morning—Baccalaureate Sermon.
June 10. Sunday Evening—Discourse before the Y. M. C. A.
June 11, 12. Entrance Examinations.
June 12. 8 A. M., Tuesday—Meeting of Board of Trustees.
June 12. 10 A. M., Tuesday—Junior Oratorical Contest.
June 12. Evening—Annual Meeting of Alumni—Alumni
Collation—President's Reception.
June 13. 9 A. M., Wednesday—Commencement Exercises.

SUMMER VACATION.

Sept. 13. Thursday Morning—Beginning of First Term.
Dec. 20. End of First Term.

WINTER VACATION.

1907.

Jan. 3. Beginning of Second Term.
March 27. End of Second Term.
April 3. Beginning of Third Term.
June 13. Commencement

OFFICIAL ROLL OF TRUSTEES.

Elected.

1862.	John George Butler, D. D.	Washington, D. C.
1868.	*Milton Valentine, D. D., LL. D.	Gettysburg.
1870.	Luther E. Albert, D. D.	Mt. Airy, Phila.
1873.	George Ryneal, Jr.	Martinsburg, W. Va.
1875.	Hon. Samuel D. Schmucker, LL. D.	Baltimore, Md.
1877.	*John George Goettman, D. D.	Allegheny.
1878.	Harvey W. McKnight, D. D., LL. D.	Gettysburg.
1882.	Hon. John A. Swope	Washington, D. C.
1888.	Philip H. Glatfelter	Spring Forge.
1890.	Hon. Edmund D. Graff	Worthington.
1890.	William H. Dunbar, D. D.	Baltimore, Md.
1890.	Hon. Samuel McC. Swope	Gettysburg.
1892.	Thomas C. Billheimer, D. D.	Gettysburg.
1893.	John Wagner, D. D.	Hazleton.
1894.	Charles M. Stock, D. D.	Hanover.
1894.	Matthew G. Boyer, D. D.	Philadelphia.
1896.	James Strong	Philadelphia.
1896.	John B. McPherson, Esq.	Boston, Mass.
1896.	J. Emory Bair	Gettysburg.
1897.	John Jacob Young, D. D.	New York, N. Y.
1897.	William A. Shipman, D. D.	Johnstown.
1898.	Henry C. Picking	Gettysburg.
1898.	Charles H. Kunkel	Harrisburg.
1899.	Hon. Daniel F. Lafean	York.
1899.	Charles F. Stiefel	Allegheny.
1899.	Henry H. Weber, D. D.	York.
1900.	Hon. Henry M. Clabaugh, LL. D.	Washington, D. C.
1902.	Charles Baum, M. D., Ph. D.	Philadelphia.
1902.	J. Harry Fritz, Esq.	Somerset.
1905.	Milton H. Valentine, D. D.	Philadelphia.

*Deceased

FACULTY AND INSTRUCTORS.

Rev. S. G. HEFELBOWER, A. M., D. D.,
PRESIDENT, AND WILLIAM BITTINGER PROFESSOR OF INTELLECTUAL
AND MORAL SCIENCE.

3 Campus

JOHN A. HIMES, L. H. D.,
GRAEFF PROFESSOR OF ENGLISH LITERATURE AND POLITICAL SCIENCE,
AND LIBRARIAN.

130 Carlisle Street

Rev. PHILIP M. BIKLE, A. M., Ph.D.,
DEAN, AND PEARSON PROFESSOR OF THE LATIN LANGUAGE AND
LITERATURE.

2 Campus

EDWARD S. BREIDENBAUGH, A. M., Sc. D.,
OCKERSHAUSEN PROFESSOR OF CHEMISTRY AND MINERALOGY,
AND CURATOR OF THE MUSEUM.

227 Carlisle Street

HARVEY W. McKNIGHT, D. D., LL. D.,
ACTING PROFESSOR OF INTELLECTUAL AND MORAL SCIENCE.

Carlisle Street

GEORGE D. STAHLEY, A. M., M.D.,
DR. CHARLES H. GRAFF PROFESSOR OF PHYSICAL CULTURE AND
HYGIENE, AND SECRETARY OF THE FACULTY.

Confederate Avenue

HENRY B. NIXON, Ph.D.,
ALUMNI PROFESSOR OF MATHEMATICS AND ASTRONOMY.

1 Campus

Rev. OSCAR G. KLINGER, A.M.,
FRANKLIN PROFESSOR OF THE GREEK LANGUAGE AND LITERATURE.

129 Lincoln Street

CHARLES E. DRYDEN, A. M.,
PROFESSOR OF THE GERMAN LANGUAGE AND LITERATURE AND
INSTRUCTOR IN FRENCH.

42 Stevens Ha

Rev. JOHN O. EVJEN, A. M., Ph. D.,
AMANDA RUPERT STRONG PROFESSOR OF ENGLISH BIBLE, AND
CHAPLAIN.

109 Broadway

PENNSYLVANIA COLLEGE

5

CLYDE B. STOVER, A.M.,

ASSISTANT IN CHEMISTRY.

E. Lincoln Street

BRUCE U. P. COBAUGH, B. S.,

ASSISTANT IN CHEMISTRY.

34 Stevens Street

A. J. WHITE HUTTON, A. M., LL. B.,

LECTURER ON JURISPRUDENCE.

Chambersburg

HENRY WOLF BIKLE, A. M., LL. B.,

LECTURER ON CONSTITUTIONAL LAW.

Philadelphia

REV. CHARLES H. HUBER, A.M.,

PRINCIPAL OF THE PREPARATORY DEPARTMENT, AND PROFESSOR
OF LATIN AND GREEK.

411 Carlisle Street

HARRY A. LANTZ, A.M.,

VICE PRINCIPAL AND TUTOR IN MATHEMATICS AND NATURAL SCIENCE.

157 Carlisle Street

CHARLES O. STORRICK, A.M.,

TUTOR IN GREEK AND HISTORY.

16 Stevens Hall

HARRIET A. MCGILL.

PRECEPTRESS.

202 Chambersburg St.

HOWARD E. JAMES,

PHYSICAL INSTRUCTOR.

30 East College

H. CLYDE BRILLHART,

PROCTOR.

7 Middle College

ERNEST S. WOLF,

PROCTOR.

14 South College

HARRY C. PICKING,

TREASURER.

17 Baltimore Street

SALLIE P. KRAUTH,

ASSISTANT LIBRARIAN.

3 Baltimore Street

COURSES OF STUDY

The College offers the following courses:

- I. A Classical course leading to the degree of A. B.
- II. A Scientific course leading to the degree of B. S.
- III. Select courses without reference to a degree.

TERMS OF ADMISSION

Entrance examinations are held on Monday and Tuesday before Commencement and on Thursday, the day of opening, in September. While there may be examinations at other times, all applicants are urged to present themselves on the days appointed. Students from the Preparatory Department are admitted to the Freshman class upon the recommendation of the Principal without further examination. Applicants recommended by approved Academies and High Schools as having mastered the required preparatory studies are admitted on an extended trial, without a formal examination. *Women are admitted to all departments as day scholars.*

CLASSICAL COURSE

Candidates for the Freshman class are subject to examination in the following books or their equivalents:

LATIN.—Latin Grammar: three books of Cæsar's Gallic War; three books of Vergil's Aeneid; three orations of Cicero.

GREEK.—Greek Grammar complete; three books of the Anabasis; Jones' Prose Composition complete.

MATHEMATICS.—Arithmetic complete, including the Metric System; Elementary Algebra (Wells' Academic, through Quadratics, Robinson's complete, or Wentworth's to Chapter XVIII); Geometry, three books of Wentworth's or Phillips and Fisher's, or the equivalent in other authors.

ENGLISH.—In English the following books, recommended by the Association of Colleges and Preparatory Schools of the Middle States and Maryland, will be required:

For 1906, 1907 and 1908: Addison's *Sir Roger de Coverley Papers*; Irving's *Life of Goldsmith*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe* and *Lady of the Lake*; Tennyson's *Lancelot and Elaine* and *Passing of Arthur*; Lowell's *Vision of Sir Launfal*; George Elliot's *Silas Marner*.

The candidate will be required to present evidence of a general knowledge of the subject matter and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics designed to test the candidate's power of clear and accurate expression and will call for only a general knowledge of the substance of the books. Questions involving the essentials of English Grammar and the fundamental principles of Rhetoric will be part of the examination.

No candidate will be accepted in English whose work is notably deficient in spelling, punctuation, idiom, or division into paragraphs.

GEOGRAPHY AND HISTORY.—Modern Political Geography; History of the United States (the equivalent of Sheldon's); Essentials of Greek and Roman History.

SCIENTIFIC COURSE.

Candidates for the Freshman class of the Scientific Course are subject to the same examination as for the Classical Course with the omission of the Greek. For this omission may be substituted one of the following:

I. **PHYSIOGRAPHY.**—(Elementary Physical Geography), **BOTANY** (Elements of systematic and structural departments), or **ELEMENTARY PHYSICS.**

II. **HISTORY.**—Histories of England and France (Montgomery is recommended).

SELECT COURSES.

Students not candidates for a degree are admitted to the privileges of the College and allowed to take special undergraduate studies, selected with the approval of the Faculty in such a manner as to secure the full and profitable employment of their time. Such special students undergo the examination necessary to ascertain their fitness for the proposed courses.

A candidate for advanced standing, in addition to the foregoing studies, is examined in the various books which the class he proposes to enter has studied.

An accurate and thorough acquaintance with the studies required for admission is indispensable, in order to receive the full advantage of the college course. Students imperfectly prepared for the class they enter are embarrassed in their future progress and are seldom able to make up their deficiency.

No one is admitted to the Senior class after the beginning of the second term.

TESTIMONIALS.—Satisfactory testimonials of good moral character are required, and students from other institutions must bring certificates of regular and honorable dismissal.

SUPERVISION AND DEVOTIONAL EXERCISES

The President and the Dean, residing on the Campus, have special supervision of the buildings and are at all times easily accessible to the students. The College seeks to secure the cooperation of each individual student in the preservation of good order and the attainment of a high standard of scholarship and manly conduct.

Prayers, with reading of the Scriptures and singing, conducted by the President or Chaplain, are attended daily at 7.40 A. M., on week days, in Brua Chapel. The devotional exercises of Sunday, beginning at 8:15 A. M., are extended to forty-five minutes by lectures on religious and Biblical subjects. At 10.30 A. M., all the students are required to attend public worship in the College Church, or in such other place of worship as their parents or guardians may designate by written request. Catechetical instruction is provided for those who desire it, and students are welcomed to other religious services in the churches of the town.

The Young Men's Christian Association of the College is an active agent in promoting religious interest among the students. Regular and special meetings for prayer are conducted by the members and classes for Bible study are formed. An annual course of lectures and musical entertainments under the same auspices adds much to the social enjoyment and culture of the college community.

INSTRUCTION

In the undergraduate courses each candidate for a degree must have sixteen exercises a week of required or elective work in recitations, lectures, or laboratory periods, besides the biblical hour on Sunday and the gymnasium periods. Usually there are three exercises each day except Saturday, when there is commonly only one. Laboratory, drawing and surveying periods are each two and a half hours. A gymnasium period is one hour. A student in any of the special courses must have not less than eleven exercises a week.

RULES FOR THE CHOICE OF ELECTIVES

1. No student shall be allowed to pursue any elective study unless the instructor in the same is satisfied that the student is prepared to pursue said study.
2. The choice of electives shall be made at the beginning of the year, and no change shall be allowed during the year.

The following schedule presents a general view of the studies and hours of the various classes:

SCHEDULE FOR THE CLASSICAL COURSE.

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9 10 or 11	Greek. Elocution.	Latin. Mathematics.	Greek. Mathematics.	Latin. Mathematics.	Greek. Mathematics.	Latin.
	2 or 3	French.	History.	French.	History.	Bible.	
SOPHOMORE	8 or 9 10 or 11	Latin. German.	Greek. English.	Latin. English.	Greek. German.	Latin. English.	Greek.
	2 or 3	Mathematics.	Bible.	Mathematics.	Elocution. Botany.	Mathematics.	
JUNIOR.	8 or 9	English.	German.	Psychology.	Psychology.	English.	German.
	10 or 11	Math. English. Chemistry. Biology. Physics.	1 { Latin. 3 { Latin. 3 { Bible.	1 { Greek. 2 { Greek. 3 { Bible. 3 { Biology.	1 { Latin. 2 { Latin. 3 { Bible.	1 { Greek. 2 { Greek. 3 { Bible. 3 { Biology.	
SENIOR.	1 to 3	Chemistry or French.	Math. English. Chemistry. Biology. Physics.	Chemistry. or French.	Math. English. Chemistry. Biology. Physics.	Chemistry or French.	
	8 or 9	1 { Astronomy 2 { Theism. 3 { Physics.	Pol. Science.	1 { Astronm.v. 2 { Theism. 3 { Evid. Christ. 4 { Ethics.	Pol. Science.	1 { Astronomy. 2 { Theism. 3 { Physics.	Pol. Science. Chemistry (9). Bible (9)
SENIOR.	10 or 11	1 { Physics. 2 { Geology. 3 {	1 { Physics. 2 { Geology. 3 {	1 { Evid. Christ. 2 { Ethics. 3 {	1 { Evid. Christ. 2 { Ethics. 3 {	1 { Physics. 2 { Geology. 3 {	Biology.
	1 2 3 1 to 3	History. Pol. Science. Santi. Science. Chemistry.	History. Greek. Biology. Mineralogy.	German. Latin. Chemistry.	History. Greek. Biology. Mineralogy.	German. Latin. Chemistry.	

Astronomy, one hour a week Observatory (night) work.
Math. Problems, two periods a week at convenience.

Italics indicate Elective Studies.

Numerals 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

SCHEDULE FOR THE SCIENTIFIC COURSE.

CLASS.	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN.	8 or 9 10 or 11	Chemistry. Elocution.	Latin. Mathematics.	Chemistry. Mathematics.	Latin. Mathematics.	Chemistry. Mathematics.	Latin.
	2 or 3	French.	History.	French.	History.	Bible.	
	8 or 9 10 or 11	Latin. German.	Chemistry. English.	Latin. English.	Chemistry. German.	Latin. English.	Mech. Draw.
SOPHOMORE.	2 or 3	Mathematics.	Bible.	Mathematics.	1/4 Elocution. 1/4 Botany.	Mathematics.	
	8 or 9	English.	Surveying.	Psychology.	Psychology.	English.	German.
	10 or 11	1/2 Math. 1/2 English. 2/3 Chemistry. 3/4 Biology. 3 Physics.	German.	1/2 Chemistry. 2/3 Chemistry. 3/4 Biology.	Surveying (o).	1/2 Chemistry 2/3 Chemistry. 3/4 Biology.	
JUNIOR.	1 to 3	Chemistry or French.	1/2 Math. 1/2 English. 2/3 Chemistry. 3/4 Biology. 3 Physics.	Chemistry. or French.	1/2 Math. 1/2 English. 2/3 Chemistry. 3/4 Biology. 3 Physics.	Chemistry or French.	
	8 or 9	1/2 Astronomy 2/3 Theism.	Pol. Science.	1/2 Astronomy. 2/3 Theism.	Pol. Science.	1/2 Astronomy 2/3 Theism.	Pol. Science. Chemistry (o). Bible (o).
	10 or 11	1/2 Physics. 2/3 Geology.	1/2 Physics. 2/3 Geology.	1/2 Evid. Christ. 2/3 Ethics.	1/2 Evid. Christ. 2/3 Ethics.	1/2 Physics. 2/3 Geology.	Biology.
SENIOR.	1	History.	History.	German.	History.	German.	
	2	Pol. Science.	Pol. Science.	German.	Biology.	German.	
	3	Samit. Science.	Biology.	Chemistry.	Mineralogy.	Chemistry.	
	1 to 3	Chemistry.	Mineralogy.	Chemistry.	Mineralogy.	Chemistry.	
Astronomy one hour a week Observatory (night) work. Math. Problems, two periods a week at convenience.							

Italics indicate Elective Studies.

Nos. 1, 2 and 3 before a subject, indicate the term during which the subject is studied.

DEPARTMENTS OF INSTRUCTION

PHILOSOPHY

Professors HIMES, McKNIGHT, KLINGER, and EVJEN.

1. *Psychology*. Mental phenomena are inductively treated, observed, classified and explained by being referred to their appropriate faculties and the conditions and laws of their production. Presentative and Representative knowledge, Thought and Intuition are successively considered and the processes by which the mind advances from a knowledge of individual objects to that of universals are traced. The fundamental relations and correlates involved in these processes are critically examined into, in connection with a discussion of the various theories of knowledge and tendencies of modern thought. Preparation is thus given for advanced courses in Psychology and Philosophy. A text book is used with such comment and criticism as encourage accurate and independent thinking.

Junior required course. Two hours a week throughout the year.

Professor McKNIGHT.

2. *Logic*. Jevons' Lessons in Logic. The analysis of arguments, their reduction to syllogistic form and the detection of common fallacies are the practical results aimed at in the study.

Junior required course. Two hours a week during the second term.

Professor HIMES.

3. *Ethics*. The study includes a critical examination of ethical theories relating to the Nature of Right, the Ground of Right, the Rule of Right, the Province of Right and Conscience. The student is conducted through an examination of Utilitarianism and other rejected theories to an immutable basis for right in the nature of God. The history of the different ethical theories is traced through succeeding schools from Socrates to the modern evolutionist.

Senior required course. Two hours a week during the latter half of the year.

Professor McKNIGHT.

4. *Rational Theism*. Students are required to present from memory the chief points of the text-book, and these are further

illustrated and impressed in conversation by additional points and illustrations. By cumulative reviews they are enabled to offer orally a pretty complete system of Natural Theology.

Senior required course. Three hours a week, third term.

Professor KLINGER.

5. *Christian Evidence*. Fisher's Theistic and Christian Belief. While opposing theories are duly considered, the argument for Christianity from Miracles is accepted and defended. This argument is supported by others derived from various sources, such as the fulfillment of Prophecy, the adaptedness of Christianity to the needs of human nature, the superiority of Christian Doctrine, and the benevolent fruits of the religion of Christ.

Senior required course. Two hours a week, the first half of the year.

Professor EVJEN.

6. *History of Modern Philosophy*. Senior elective course. Two hours a week during the third term.

Professor EVJEN.

MATHEMATICS AND ASTRONOMY

Professor NIXON

1. *Geometry*. Plane (books fourth and fifth), solid and spherical. (Wentworth).

Freshman required course. Four hours a week the first term and one-third of the second term.

2. *Algebra*. Series; undetermined coefficients; binominal theorem; logarithms; determinants; theory of equations. (Wells.)

Freshman required course. Four hours a week during two-thirds of the second, and one-half of the third term.

3. *Trigonometry*. Trigonometric functions; right triangle; isosceles triangle; regular polygon; goniometry. (Wentworth.)

Freshman required course. Four hours a week, the last half of the third term.

4. *Trigonometry*. Oblique triangle; right spherical triangle; oblique spherical triangle; application of spherical trigonometry to the solution of astronomical and other problems. (Wentworth.)

Sophomore required course. Three hours a week, the first term.

5. *Plane Analytic Geometry*. Rectilinear, oblique and polar systems; relation between the rectilinear and polar systems; equations of the straight line; properties of rectilinear figures; circle;

ellipse; hyperbola; tangents and normals; loci of the first and second order; higher plane loci; transcendental curves. (Smith and Gale.)

Sophomore required course. Three hours a week during the second term and two-thirds of the third term.

6. *Surveying*. Practical use of instruments—compass, transit and level; plotting; computing areas; making profiles. (Wentworth.)

Sophomore required course. Three hours a week, the last third of the third term.

7. *Mechanical Drawing*. Geometrical construction; transcendental curves; section of the cone showing the ellipse, hyperbola and parabola; cylinders penetrating each other and the development of the same; isometric projections of solids; perspective.

Sophomore (Scientific) required course. One period a week during the year.

8. *Field Work in Surveying*. Use of the transit and level; rectangular surveying and use of transverse tables; triangulations laying out curves; avoiding obstructions; leveling and setting grade stakes. (Carhart.)

Junior (Scientific) required course. Two hours a week during the first term and one-half of the third term.

9. *Mechanics* (Statics). Composition and resolution of forces; parallel forces; equilibrium of a rigid body acted on by three forces in a plane; centre of gravity; machines; work. (Loney.)

Junior (Scientific) required course. Two hours a week during the second term and half of the third term.

10. *Differential Calculus*. Differentiating expansion of series; maxima and minima; indeterminate forms; tangents and normals; asymptotes and singular points; theory of envelopes; radius of curvature; evolutes and involutes. (Snyder and Hutchinson.)

Junior elective course. Three hours a week, the first term.

11. *Integral Calculus*. Integration; definite integrals; successive integration; rectification of curves; quadrature of plane figures; cubature of volumes. (Snyder and Hutchinson.)

Junior elective course. Two hours a week, third term.

12. *Calculus*. Special topics.

Junior elective course. Three hours a week, third term.

13. *Astronomy*. The subject as treated by Young; different authors reviewed by members of the class. The students of this

course have access to the Observatory, which is equipped with a chronometer, sextant, transit and equatorial.

Senior required course. Three hours a week during the first and second terms.

14. *Practical Astronomy*. The instruments used, besides the timepieces, are the sextant, transit and equatorial. Determination of time, latitude and longitude; measurements of the diameters of planets and the distances of their satellites; measurements of the heights of mountains on the moon; measurements of double stars; calculation of eclipses; calculation of sunrise and sunset.

Senior elective course. One hour a week during the year.

15. *Mathematics*. Analytical Geometry of three dimensions; differential equations; Mechanics.

Senior elective course. Two hours a week during the year.

GREEK

Professor KLINGER

1. THE ORATORS. *Antiphon*, *Lysias* and *Isæus*. Representative selections are read and compared with distinct reference to the development of prose style. The abundant allusions in them to early Athenian life are made the basis for studies in Greek antiquities of the historic period. Blackboard drill in forms, the explanation of case, mood, and tense uses and the study of words are features of the recitation. Lectures on the conditions under which prose-writing originated and developed are given at stated periods. Prose composition, based on the text, twice each week.

Freshman (Classical) required course. Three hours a week, first and second terms.

2. THE HISTORIANS. *Thucydides*. Selections from the Peloponnesian War. The study of the text continues the syntactical analysis, the drill in forms, and the study of words in accordance with the principles of word-formation. Special attention is given to the subject matter, and the stirring times preceding the overthrow of the Athenian supremacy are depicted. Prose composition as before.

Freshman (Classical) required course. Three hours a week, third term.

Herodotus. Portions of the Persian War are read rapidly with particular attention to the subject-matter. The importance of the period calls for a review of history, and readings are assigned in Grote and other historians to be reported on by the students. The

course comprehends lectures on the Greek dialects and advanced studies in the history of case, mood and tense development. Prose composition as before.

Sophomore (Classical) required course. Three hours a week, first term.

3. EPIC POETRY. *Homer*. The Iliad. (Full text required.) The study of the text is preceded by a course of dictated lectures which aim at setting forth the Homeric question in its latest phase. The Iliad is then interpreted as a piece of literature in harmony with the conclusion of the latest Homeric scholars. Special study is made of the epithets, and by frequent word-reviews from the blackboard an attempt is made to fix the vocabulary. Each student is required with the aid of Gehring's Index to develop one or more subjects in Homeric antiquities.

Sophomore (Classical) required course. Three hours a week, second and third terms.

4. THE ATTIC DRAMA. *Æschylus* and *Sophocles*. The entire Junior year is devoted to the study of the Attic Drama. The course contemplates by means of lectures and assigned readings a complete survey of ancient Tragedy and Comedy in their origin and development, and their relation to the modern stage. Lectures on the Greek Theatre precede the study of the text.

Junior (Classical) required course. Two hours a week, two terms.

Euripides or *Aristophanes*. The students are permitted to choose between these authors.

Junior elective course. Two hours a week, third term.

5. *Demosthenes*, *De Corona*. The study includes the age. The decadence of the Hellenic spirit, as shown in civic life, literature, and art, is traced with the class. The course is intended to include, as far as possible, a survey of Greek civilization.

Senior elective course. Two hours a week during one term.

6. *Plato* and *Pre-Socratic Thought*. The Protagoras and the Phædo are the texts studied. The leading doctrines of Plato are analyzed and their relation to modern thought is pointed out. A parallel course of lectures in Pre-Socratic Thought, based on the fragments found in Ritter & Preller's *Historia*, is given.

Senior elective course. Two hours a week, during second term.

7. *The Lyric Poets*. Tyler's "Selections." The course comprehends, along with the interpretation of the poems, the origin and development of lyric poetry and its relation to Greek literature in general.

Senior elective course. Two hours a week, third term.

LATIN

Professor BIKLE

Allen and Greenough's Latin Grammar and Harper's Latin Dictionary are recommended. The Roman method of pronunciation is used.

1. *Livy*. Selections from book I, and the Hannibalian War in Books XXI and XXII. Special attention is given to syntax and Livy's peculiarities of style. Roman History down to 200 B. C. is studied with care.

Freshman required course. Three times a week during the first term.

2. *Horace*. Odes, including a critical interpretation, and with special attention to Latin Prosody and the mythological and historical allusions of the text. Berens' Hand-book of Mythology is recommended.

Freshman required course. Three hours a week, second term.

During one or more terms of the Freshman year in connection with the reading of the Latin text, there will be drill in Latin Prose Composition, embracing a rapid review of Latin syntax, with oral and written practice in the principles involved.

3. *Cicero*. De Senectute, or De Amicitia. Drill in syntax, especially of the Latin subjunctive mode. Training, also, in reading Latin with expression.

Freshman required course. Three hours a week, third term.

4. *Tacitus*. Annals or Agricola. A study of the history of the times along with the reading of the text.

Sophomore required course. Three hours a week, first term.

5. *Horace*. Satires and Ars Poetica. After reading some selected satires, the Ars Poetica is read and each student is required to prepare in writing an analysis of the poem.

Sophomore required course. Three hours a week, second term.

6. *Cicero* and *Pliny*. Letters, with numerous exercises in sight reading.

Sophomore required course. Three hours a week, third term.

7. *Quintilian*. Tenth Book. With summary and classification of the Greek and Roman authors. Informal lectures on Roman Literature.

Junior (Classical) required course. Two hours a week, first term

8. *Juvenal*. Satires. With full explanations, and study of the private and social life of the Romans, followed by a short course in Roman Antiquities.

Junior (Classical) course, required the second term, elective the third. Two hours a week, both terms.

9. *Terence* or *Plautus*. The *Andria* of Terence or *Captivi* of Plautus. The *Dramatis Personæ* are assigned to special members of the class and the parts rendered both in Latin and in English.

Senior elective course. Two hours a week, third term.

10. *Latin Literature*. A course of lectures embracing a general survey of the whole field, and aiming to trace the rise and subsequent development of the various kinds of prose and verse among the Romans, and to portray the several periods of the literature in the light of the changing conditions under which the development took place; or

Roman History. A course of lectures covering the period from 200 B. C. to 200 A. D.

Senior elective course. Two hours a week for eight weeks, second term.

ENGLISH

Professors HIMES, BIKLE and KLINGER

1. *Rhetoric*. Genung's Working Principles of Rhetoric. The rules of the text-book are impressed by requiring each student to furnish illustrations of them from his own reading in everyday literature. The inventive faculty is trained by the assignment of themes to be thought upon in the class-room. The results are then compared, discussed and arranged within the recitation hour. Descriptive, narrative, expository and argumentative themes are also assigned in turn for the weekly exercises in composition.

Sophomore required course. Three hours a week, first term.

2. *English* and *American Literature*. A rapid survey of the field with the aid of a text book.

Sophomore required course. Three hours a week, third term.

3. *Shakespeare*. Five or six plays are studied, the principal characters are analyzed and the most important and suggestive passages are read and interpreted before the class. The writing of dialogue is practiced.

4. *Milton*. Four or five books of the *Paradise Lost* are studied; the views of many commentators are examined and compared.

Milton's conception of the material and spiritual universe is set forth and elucidated.

Junior required course. Two hours a week, third term.

5. *Anglo-Saxon*. The translation of easy prose is begun at the second or third recitation in this subject and sight reading is undertaken after four or five weeks. About five hundred lines of the poetry of Beowulf or Cædmon and other writings are read in the latter half of the term. Comparative Philology receives considerable attention in connection with this subject.

Junior elective course. Three hours a week, first term.

6. *Middle English*. Chaucer, or Old English Ballads. This study is intended to acquaint the student with the old forms of English. Connected with the recitations are brief talks on the structure, classification and development of languages and especially on word building.

Junior elective course. Three hours a week for six weeks, second term.

7. *Tennyson or Browning*. A number of the more important poems are read, the plan and the development of the thought are traced, and obscure expressions interpreted.

Junior elective course. Three hours a week for six weeks, second term.

I-7 Professor HIMES.

8. *Essays*. Two essays each term are submitted for examination and criticism. Special care is taken to secure originality of work, as well as clearness of thought and grace of diction. In order to cultivate a ready faculty in composition, exercises in impromptu essay writing are practiced at stated times.

Required course for the three terms of Freshman year.

Professor KLINGER.

9. *Elocution*. Two declamations are required each term and are expected to exemplify the principles acquired in the hours devoted to technical study of elocution. These principles are inculcated by comment and criticism in connection with the speaking.

Required course. One hour a week during the whole of the Freshman year.

Professor BIKLE.

10. *Writing and Speaking*. The preparation of declamations, essays, orations, and debates is continued from the beginning of the Sophomore onward to the end of the Senior year. Sometimes a subject is assigned to each member of the class with the requirement to present a discussion first in outline, then amplified. To

secure greater carefulness on the part of the student, the written work is commonly read privately and criticised by the instructor.

Professor HIMES.

FRENCH AND GERMAN

Professor DRYDEN

FRENCH. 1. Whitney's Brief French Grammar with Lessons and Exercises is used during the first term, and, in connection with Aldrich and Foster's French Reader, during the second term of Freshman year. The third term is devoted to reading and special drill in syntax.

Freshman required course. Two hours a week throughout the year.

FRENCH. 2. A course in advanced French is offered to Sophomores and Juniors, and embraces the translation, grammatical and literary interpretation of Meilhac and Halévy's "L'été de la Saint-Martin," Moliere's "La Bourgeois Gentilhomme," and Dumas' "Les Trois Mousquetaires," together with work in composition.

GERMAN. 1. Whitney's Brief German Grammar is used during one and one-half terms of Sophomore, and is followed with reading and exercises in Guerber's Mærchen und Erzählungen. During the third term some simple German text is read, such as Storm's Immensee, Heyse's Das Maedschen von Treppi, or Zschokke's Der Zerbrochene Krug, and Thomas' Grammar is studied.

Sophomore required course. Two hours a week throughout the year.

GERMAN. 2. During the Junior year a more difficult grade of German is read, such as Schiller's Wilhelm Tell, or Hillern's Höher als die Kirche, during the first term; Lessing's Minna von Barnhelm, or Bernhardt's Novelletten-Bibliothek during the second term; and Sudermann's Teja with Schiller's Das Lied von der Glocke during the third term. Thomas' Grammar is completed, and Harris' Prose Composition, in addition to the texts read, forms the basis for drill in syntax.

Junior required course, two hours a week throughout the year.

GERMAN. 3. Goethe's Hermann and Dorothea, Schiller's Die Jungfrau von Orleans, and Prehn's Journalistic German are read in the Senior year. Short poems and anecdotes are memorized and used in composition and conversation during the entire year. Some time is given to the study of German Literature, and to the lives and literary characteristics of the leading German authors.

Senior elective course. Two hours a week throughout the year. Heaths', Whitney's, Adler's, and Fluegel's dictionaries are recommended.

HISTORY, POLITICAL SCIENCE AND LAW

Professors HIMES, BIKLE, DRYDEN and EVJEN and Messrs. BIKLE and HUTTON.

1. *European History*. Myers' Mediæval and Modern History. Freshman required course. Two hours a week throughout the year. Professor DRYDEN.

2. *American Political History*. Johnston's American Politics, with references to Von Holst's Constitutional History, Schouler's History of the United States (1783-1865), Blaine's Twenty Years in Congress (1861-1881), McPherson's Hand-book.

Sophomore required course. Three hours a week, second term.

3. *Political Economy*. Seager's Introduction to Economics. The theories of the text-book are brought, as often as possible, to the test of the student's personal observation and the true nature of the science is thus impressed. Problems for investigation are assigned to the members of the class, with direction to inquire into actual industrial and social conditions and operations.

Senior required course. Three hours a week for twelve weeks of the first term.

4. *Lectures on Money and Banking*. Theories of money and credit are examined in connection with a rapid survey of the monetary history of the United States. Particular attention is given to present conditions and tendencies.

Senior required course. Ten or twelve hours.

5. *International Law*. Lawrence's International Law. Occasional lectures on special topics, such as the prominent features in American diplomacy.

Senior required course. Three hours a week for the last twenty weeks of the year.

6. *Science of Government*. Bryce's American Commonwealth is used as a text-book. Free criticism of the author's views is encouraged; National and State constitutions are examined. The annual Presidential Message is studied and discussed.

Senior elective course. One hour a week, throughout the year.

2-6 Professor HIMES.

7. *Roman Law*. Morey's Outlines. After a careful study of

the text-book, an essay is required from each member of the class on a subject assigned for special investigation.

Senior elective course. Two hours a week during the first term.

Professor BIKLE.

8. *Modern History*. Lectures.

Senior elective course. Three hours a week during the first and second terms.

Professor EVJEN.

9. *Constitutional Law*. Four lectures on the American Doctrine of Constitutional Law, the Commerce Clause, the prohibition against impairing the obligation of contracts, and the equal protection of the laws secured in the Fourteenth Amendment.

Senior course, third term.

Mr. H. W. BIKLE.

10. *Talks on Law*. Six lectures on domestic relations, decedents' estates, insurance and commercial law and finally those phases of the law with which every citizen sooner or later in life has some experience.

Senior course, third term.

Mr. A. J. W. HUTTON.

CHEMISTRY

Professor BREIDENBAUGH, Mr. STOVER and Mr. COBAUGH

1. *Elementary Inorganic Chemistry*. Lectures, laboratory work, quizzes and examinations. The student is expected, in addition to the outline of work provided, to have some approved reference book on Chemistry. This course covers the general principles of Chemistry with a study of the elements and their compounds. A practical review is given at the end of the year, determining compounds by their properties.

Junior (Classical) required course. Three periods a week throughout the year.

2. *Elementary Inorganic Chemistry*. Lectures, laboratory work and quizzes.

Freshman (Scientific) required course. Three periods a week throughout the year.

3. *Qualitative Analysis*. Lectures and quizzes on reactions and methods accompany the laboratory work.

Required (Scientific) course. Two periods a week throughout the Sophomore and five periods the first term of Junior.

4. *Quantitative Analysis*. The first term is occupied with determinations of definite compounds, the second with mineral analysis.

Junior (Scientific) required course. Five periods a week during the second and third terms.

5. *Organic Chemistry*. Lectures, text-book work and quizzes illustrated in the laboratory.

Junior (Scientific) elective course. Three periods a week during the first and second terms. Also open as an elective to Seniors in the Classical course.

6. *Qualitative Analysis*. Similar to course 3.

Senior (Classical) elective course. Two to four periods a week throughout the year.

7. *Special Analytical Methods*. Water, milk, sugar, minerals, rocks, etc.

Senior (Scientific) elective course. Two to four periods a week throughout the year.

GEOLOGY AND MINERALOGY

Professor BREIDENBAUGH

1. *Geology*. Lectures, with reading references, principally to the works of Dana and LeConte, accompanied by quizzes and topical examinations. Each student is required to write at least one paper illustrating, from his own observations, the principles of inorganic Geology.

Senior required course. Three hours a week during the second and third terms.

2. *Mineralogy*. The crystal form and physical properties of minerals are studied by means of the mineralogical collection. Afterwards each student is required to determine at least one hundred minerals by their blowpipe characteristics. This is followed by a brief course in Lithology and topographical Geology.

Senior elective course. Two periods a week throughout the year

Physics. The principal facts in the various topics are discussed by lectures and reading references, with quizzes, examinations and the preparation of papers in which the student illustrates from familiar examples the subjects presented in the class room.

Required course. Three hours a week during the third term of Junior and the first term of Senior.

Botany. Class and field work in Systematic Botany. Each student is required to determine and mount specimens of at least fifty species of Phaenogams.

Sophomore required course. One period a week during the second half of the year.

BIOLOGY

Professor STAHLEY

This course extends as an elective through the Junior and Senior years. It is offered either to the classical, scientific or special course students. It aims to teach fundamental principles in the various branches which it includes.

The course is calculated to interest and profit any student of nature, whatever his future calling is expected to be. Those of our graduates, who during their course, have taken the biological studies here indicated, along with chemistry and physics, are admitted to the second year class of some of our best medical schools.

The course of either of the two years is sufficiently complete to make it profitable for the student to take up the work of any one year to the exclusion of the other, if limitations in time or means compel such an abbreviation. If other electives appeal stronger to him during his Junior year, it will not be too late, as a Senior, then to pursue either the first or second year's biological branches.

The work is carried on by lectures, demonstrations, quizzes, dissections, drawings, note taking on work done and stated written examinations. There is a well-lighted laboratory, provided with all needed instruments and apparatus, such as microscopes, microtomes, paraffine bath, incubator, etc. The branches are pursued in the following order:

JUNIOR YEAR

1. *General Biology*. Three periods a week for ten weeks. This branch acquaints the student with microscopic technique and general laboratory methods, whilst he studies selected types of plants and animals taken from the lower forms of life, as these are best adapted to demonstrate essential characteristics. The purpose is to ascertain fundamental facts of structure and life processes, with the significant relationships in the two great kingdoms of organic nature.

2. *Zoology*. Three periods a week for ten weeks.

This continues the study of animal life and traces the forms in the order of their increasing complexity. A number of morphological types are dissected, thus affording an acquaintance with all the great phyla of animals, in both the vertebrate and the invertebrate series. The principles of comparative morphology and physiology are particularly emphasized and relationships are traced.

3. *Mammalian Anatomy*. Three periods a week for six weeks followed by two periods a week for eleven weeks.

Here the mammalian type of animals is considered. The domestic Cat as a convenient example of a high-type mammal offers advantages for the detailed study of bones, muscles, blood vessels, brain and nerves.

SENIOR YEAR

4. *Human Anatomy and Physiology.* Three periods a week for twenty weeks.

Special attention is given to osteology, joints, ligaments and muscles, the separate parts of the skeleton, including a disarticulated cranium. Tramond's preparations, consisting of real bony joints, with accurately placed artificial ligaments, and Azou's dissectable manikin, provide ample facilities for this part of the work. In this, as in the other animal branches of the course, physiological processes are constantly discussed.

5. *Mammalian Histology.* Three periods a week for nine weeks. With the aid of prepared microscopic slides, the student draws and studies the minute anatomy of the different tissues of the body, with their relationships in the different organs. Further than this he learns practically how to fix, harden, imbed, section, stain and mount the important tissues. A knowledge of practical methods in histological work is thus acquired.

6. *Embryology.* Three periods a week for eight weeks.

The principles of maturation and fertilization of the germ elements are considered. The stages of segmentation are observed in the ova of the Frog and Fish. The development of the Chick is studied. Entire mounts are made, as well as mounts of serial sections of the incubating egg, from the first hour of incubation to the fifth day, when the organs are practically all formed. This branch constitutes a fitting close of the course, as it exhibits the steps in the development of the individual animal, and also epitomizes the history of the animal kingdom in general.

PHYSICAL CULTURE AND HYGIENE

Professor STAHLEY

1. *Sanitary Science.* Lectures. House, municipal, state and national sanitation in their varied and rapidly developing new features are dwelt upon with the idea of furnishing a comprehensive yet intelligent outline of the subject.

Senior elective course. One hour a week throughout the year.

2. *Physical Culture.* This end is sought under medical guidance in the Gymnasium during the college year from November 1 to May 1. A physical examination of each student is made when he enters college and such kinds of gymnastic exercises are prescribed as seem indicated. The purpose is to encourage the promotion of health and physical vigor as necessary for successful mental application. Since much harm is often done by injudicious physical exercise, special effort is made to advise those who are suffering from defective bodily conditions how they may be helped by hygienic methods and the selection of forms of exercise particularly suited to their case.

BIBLICAL DEPARTMENT

Professor EVJEN

1. *Old Testament History.* The books of Genesis, Exodus, Numbers and Joshua furnish the material to be mastered. In connection with the Scripture text a manual of biblical geography and history is used.

Freshman required course. One hour a week throughout the year.

2. *Old Testament History.* Jewish history from the death of Joshua to the Division of the Kingdom. The biblical material is found in Judges, Samuel and Kings; the geographical and historical manual is continued.

Sophomore required course. One hour a week throughout the year.

3. *Biblical Study.* (a) The Life of Christ. (b) The Gospel of John in Greek.

Junior elective course. Four hours a week during the third term.

4. *New Testament Study.* The privilege of selecting the books to be studied is accorded to the class. Acts has been chosen this year.

Senior elective course. One hour weekly throughout the year.

GENERAL COLLEGE ORDERS

EXAMINATIONS

Examinations are held at the close of each term, or when a subject is finished. When a student is unavoidably absent from this examination, and his absence is excused by the Faculty, he is examined, at the discretion of the Faculty, either before leaving, or at the opening of the following term before entering his name on the roll of his class.

If a student be absent for some time from the Institution, he must, on re-entering, sustain an examination upon the studies to which his class has attended during his absence.

RECORDS

A careful record of the attendance, scholarship and conduct of each student is kept; a general statement of which record is transmitted to parents or guardians at the close of each term.

DEGREES

To members of the graduating class in full and regular standing diplomas are granted, conferring in the Classical Course the degree of *Bachelor of Arts*, and in the Scientific Course the degree of *Bachelor of Science*.

The degree of *Master of Arts* and *Master of Science*, according to the previously received Bachelor degree, is conferred, in course, on Bachelors of three or more years' standing, provided all applicants for this degree make application therefor to the Faculty, in writing, at least one week before the annual Commencement.

TERMS AND VACATIONS

The annual Commencement is held this year on the second Wednesday of June. Regularly the first term begins on the second Thursday of September, and continues fourteen weeks; the second term begins two weeks after the close of the first term, and continues twelve weeks; the third term begins one week after the close of the second, and continues eleven weeks, until the day of the annual Commencement. The intervening periods of approximately two, one and thirteen weeks are devoted to the vacations.

It is highly important for students to be punctual in entering upon their duties at the beginning of the term.

Unexcused absences from recitations are counted as zeros upon the grades.

The attention of parents and guardians is especially called to the fact that absences from recitations, whether at the opening of terms, or at other times, are not excused except for sickness or imperative necessity.

EXPENSES

The necessary expenses of the collegiate year, exclusive of books, clothing, furniture and traveling expenses, are as follows for each student:

Board for 37 weeks,		\$70 00	\$90 00	\$111 00
First term, { Tuition, \$12 00 }		20 00	20 00	20 00
	{ Gen. Exp. 8 00 }			
Second term { Tuition, \$9 00 }		15 00	15 00	15 00
	{ Gen. Exp. 6 00 }			
Third term, { Tuition, \$9 00 }		15 00	15 00	15 00
	{ Gen. Exp. 6 00 }			
Room rent and heat (half room),		12 50	40 00	62 50
Gymnasium Free,		6 00	6 00	6 00
Washing,		12 00	12 00	12 00
Total, - - -		\$150.50	\$198.00	\$241.50

Board may be secured at prices varying from \$7.25 to \$10.00 a month in clubs; and from \$10.00 to \$12.00 in boarding houses. The average price paid in recent years has been about \$10.00.

A fee of \$1.50 a term for contingent expenses is charged to students not rooming in college buildings.

All members of the Senior class, upon their entrance on the last session of their course of study, pay to the Treasurer, with their college bills, an extra fee of \$5, which is refunded in case of failure to graduate.

CHEMICAL LABORATORY CHARGES

Students in the Scientific Course are charged a term fee of \$5.00 for the use of chemicals and general apparatus. Glassware and other apparatus of individual use are supplied at cost prices, each person being charged with each article received and credited with the same on its return in good condition. The expense for this item in the first outfit has been about \$7.00, after which, with proper care, it need not exceed \$1.50 a term. Students in general chemistry pay, for the course, a desk fee of \$10.00 for the use of chemicals and apparatus, and the cost price for all articles broken; this need not exceed \$1.00 a term. The fee for supplies in elective Mineralogy is \$1.50.

A fee of \$4.00 a term is charged in the biological department for the use of material and apparatus.

Parents and guardians may intrust funds for students to any member of the Faculty, and the funds will be applied as may be required.

Tuition and other college dues for each term must, in all cases, be paid in advance. No student will be allowed to recite with his class until he has shown the Professor a receipt from the College Treasurer, or a note stating that he has made some satisfactory arrangement with the Treasurer.

ROOMS AND HEATING

Students are required to lodge in the college dormitories, special cases excepted.

Unless all the available rooms of the college are occupied, there is no remission of the charge for room rent, except to students whose parents reside in town.

Rooms becoming vacant can be assigned at any time, preference being given according to class, to be occupied after the removal of the former occupant, and, if the person to whom the rooms are assigned so desire, the furniture in them shall be removed.

The charges for room rent and steam heat for the several rooms, given below, are for full use of the room; if two students occupy a room they divide the expenses. The annual charge is given first, and in parenthesis the division of this charge between the first, second and third terms of the collegiate year. E—East Division, M—Middle Division, and W—West Division, S—South College.

At \$16.00 (5.50, 6.50, 4.00): 4, 6 W; 1 M.; 8 E.

At \$18.00 (6.25, 7.25, 4.50): 5, 7 W; 5, 7, 9 E.

At \$20.00 (6.75, 8.25, 5.00): 1, 3 W; 1, 3 E.

At \$25.00 (8.50, 10.75, 5.75): 4, 6 E.

At \$26.00 (8.75, 10.50, 6.75): 2, M.;

At \$28.00 (9.50, 11.75, 6.75): 3, 4, 5 M.

At \$30.00 (10.00, 12.25, 7.75): 2 W; 36 S.

At \$33.00 (11.25, 13.25, 8.50): X S.

At \$33.50 (11.00 13.75 8.75): 14 15 16 17 18, 19, 24, 25, 26, 27, 28, 29, 34, 35, 36, 37, 38, 39, E; 6, 11, 16, M; 12, 13, 14, 15, 20, 21, 22, 23, 28, 29, 30, 31, W.

At \$40.00 (14.00, 16.00, 10.00): 22, 23, 24, 25, 30, 31, 32, 33, S.

At \$42.50 (14.50, 16.75, 11.25): 10, 11, 12, 13, 20, 21,

22, 23, 30, 31, 32, 33, E; 8, 9, 10, 11, 16, 17, 18, 19, 24, 25, 26, 27, W.

At \$44.75 (15.50, 18.00, 11.25): 9, M.

At \$45.00 (15.00, 18.00, 12.00): 26, 27, 28, 29, S.

At \$50.00 (17.00, 20.00, 13.00): 20, 21, 34, 35, S.

At \$53.00 (19.00, 20.75, 13.25): 8, 10, 12, 14, 18, 20, M.

At \$70.00 (24.00, 28.50, 17.50): 17 and 19 M; 21 and 22 M.—Suites of two.

At \$75.00 (26.00, 29.00, 20.00): 1, 2, 3, 4, 5, 6, 7, 8, S.

At \$90.00 (32.00, 36.00, 22.00): 10 and 12, 11 and 13, 15 and 17, 16 and 18, S—suites of two.

At \$125.00 (43.00, 50.00, 32.00): 9, 19, S—suites of three.

Rooms 3, 4, 5, 8, 10, 12, 14, 18 and 20, M, include a large study and a good sized bed room. Even numbers, except 22, are on the north side of the building.

EQUIPMENT

MUSEUM

The museum contains varied collections of fauna and flora and minerals, all of which are freely used in instruction. The Mineralogical Cabinet contains over 6,000 specimens, including not only very full suites of the more common and more important minerals but also good specimens of many of the rarer minerals. The collection in Lithology numbering 3,000 specimens and of iron in Metallurgy have, by recent additions, become fairly representative in the most important departments of these sciences. The Botanical Collection of 6,000 specimens, mainly presented by Miss Elizabeth C. Morris, of Germantown, Pa., is well arranged and contains a full representation of American Flora. A beginning has been made of a Chemical Museum—to contain specimens of raw and manufactured materials in chemical industries. Friends of our Institution can greatly aid us by additions to these collections

LITERARY SOCIETIES

Two literary societies are connected with the College, the Phanakosmian and the Philomathæan. These exert a favorable influence in the intellectual and social culture of their members. The exercises consist of music, essays, orations and debates. The practical acquaintance with parliamentary law here formed makes these societies the best schools for free citizenship. The halls occupy two wings on the third story of the Recitation Hall, and are conveniently and handsomely furnished. Their sessions are held every Friday evening.

A reading room, managed by these societies and the Y. M. C. A., contains a great variety of periodical literature.

LIBRARIES

The College Library, to which all students have access without charge, contains many works of reference. During term time the Library is open for consultation and the drawing of books four hours each week day, except on Saturday when it is open for two hours.

The income of a fund invested for the purpose provides for frequent additions of the best publications.

The Libraries of the Literary Societies comprise a large number of well selected and standard volumes, which are annually increased through the income of separate funds.

These libraries are accessible to the members of the societies under their respective regulations, and are open for the issue of books on Wednesday at 4 P. M. and Saturday at 10 A. M. during term time. They are in the same hall with the College Library. In addition to several thousand partly classified but unbound pamphlets

The College Library contains	14,791	volumes
The Philomathæan Library contains	6,580	"
The Phrenakosmian Library contains	5,693	"
<hr/>		
Total,	27,064	"

Through the kindness of Mrs. Mary G. Stuckenberg the library facilities of the College have been increased by the gift of the large private library of her husband, the late Prof. J. H. W. Stuckenberg. This valuable collection contains over 2000 volumes. These are not included in the foregoing enumerations.

SCHOLARSHIPS

A number of permanent scholarships, securing free tuition, have been endowed and are under the control of

synods, congregations, or individuals. C. W. Thompson, Esq., of Lancaster, has established a scholarship for the purpose of giving the benefit of a collegiate education to the most successful and indigent pupil who shall pass through the prescribed course in the High School of Gettysburg.

PRIZES

MUHLENBERG FRESHMAN PRIZE.—The interest of a fund of five hundred dollars, contributed by Prof. F. A. Muhlenberg, D. D., LL. D., is given at the close of the year to that member of the Freshman class who, upon examination, is found to have attained the highest degree of scholarship in the studies of the Classical course.

BAUM MATHEMATICAL PRIZE.—Charles Baum, M. D., Ph. D., of Philadelphia, has contributed five hundred dollars, the income from which is to be given annually to that member of the Sophomore class who shows the greatest proficiency in Mathematics.

HASSLER LATIN PRIZE.—Mr. Charles W. Hassler has furnished a fund, the interest of which is annually expended for the purchase of a Gold Medal, to be presented to the student of the Junior class, who, at the end of the year, shall be the best Latin scholar.

REDDIG ORATORICAL PRIZE.—Mr. Clarence Jacob Reddig, of Shippensburg, contributes annually the sum of twenty-five dollars as an Oratorical Prize, to be contended for in public by the Junior class, on Tuesday of Commencement week.

GRAEFF PRIZE.—This prize was founded by Mr. John E. Graeff, of Philadelphia. The sum of \$30 is awarded for the best English essay from the Senior class, on a sub-

ject previously assigned. The decision is made by a committee appointed by the Professor of English Literature.

GIES PRIZES IN DEBATE.—William J. Gies, Ph. D., professor in Columbia University, offers through the Pen and Sword Society three prizes of \$36, \$24, and \$15, respectively, for the encouragement of skill in Debating. The first contest takes place about the middle of November between teams chosen by the Freshman and Sophomore classes, respectively, and the winning team is rewarded with \$15. The second contest, between the winning team and a team from the Junior class, takes place about the middle of March, with \$24 to the winners. The third contest, between the second victors and a team from the Senior class takes place about the middle of May, with a reward of \$36 to the winners. Winners of the first prize are excluded from further competition.

PITTSBURG PRIZE IN CHEMISTRY.—The Pittsburg-Gettysburg Club have established a prize of \$25, to be given to the student who does the best work in Chemistry during the Junior year of the Scientific Course.

Students in special courses are not admitted to competition for any of the foregoing prizes.

BUILDINGS

PENNSYLVANIA HALL, erected in 1836-38, was remodeled and improved in 1889. It contains eighty six rooms for students, many of them *en suite*, so that those who may wish to do so can have separate study and sleeping rooms. In this building are the reading rooms of the Literary Societies and the large room used by the College Y. M. C. A. These rooms are heated by steam, and water pipes connected with the town system of water works are on the first floor.

SOUTH COLLEGE, erected in 1897, is a building of three stories containing rooms for about fifty students. It is finished entirely in hard wood, is heated with steam, has hot and cold water on each floor and lavatories in convenient places. The first floor has eight rooms, each with open fire place, tile hearth and spacious closets. These rooms may be used by one or two occupants, as preferred. On the second floor all rooms are *en suite*, each suite consisting of a study with one bedroom or two. These are also provided with hearths, closets, etc. The third floor is divided into sixteen single rooms.

THE RECITATION HALL, erected in 1888-89, is used for general college purposes. On the first floor are the library room and office, the President's office, the reception room, and recitation rooms. The second floor has recitation rooms. The third floor has in the front centre a large museum room with valuable collections. In the rear centre are a mineralogical laboratory and suite of rooms fitted up for use as an infirmary, if they should be needed. In the north wing, is the hall of the Philomathæan Society, in the south wing the hall of the Phrenakosmian Society. In the basement are rooms designed for a physical laboratory.

THE BRUA MEMORIAL CHAPEL, erected in 1889-90, is the gift of the late Col. John P. Brua, U. S. A., as a memorial to his parents. This building is used for morning prayers, for Commencement exercises, lectures and other occasions requiring a large audience room.

THE CHEMICAL LABORATORY is a frame building, erected in 1872 and in 1890 converted to its present use. It contains on one floor a large lecture room, an office, store rooms, chemical room, balance room, and two laboratories

—one for general chemistry, with desk room for forty-eight students, the other for analytical chemistry, with desk room for forty-eight students. The building is fitted with the most approved appliances; gas and water at each desk; there are ample hoods, a water distilling apparatus and large sand bath, and other necessary apparatus. The balance room contains balances set on walls especially built for them. In the basement are an assay room and a store room.

THE ASTRONOMICAL OBSERVATORY, erected in 1875, is furnished with an achromatic telescope, having an object glass of six and one-half inches, with a transit instrument, chronometer, and other appliances.

THE GYMNASIUM has on the first floor ample dressing rooms and bathing facilities, and a base ball cage. On the second, or main floor, a class of sixty members can be accommodated for gymnastic drill. The selection of specialized apparatus in light and heavy gymnastics is varied and complete. The Professor's office, where all the physical tests and measurements are taken, is also on this floor, and is furnished with a full set of anthropometric apparatus.

On the gallery there is a first-class "Roberts' patent" running track with seating accommodation for visitors.

The gymnasium is open at stated times every afternoon and evening and Saturday all day, aggregating twenty-four hours each week, apportioned between regular class practice and general practice.

Athletic sports are encouraged, but under such regulations, as it is believed, prevent them from becoming a source of demoralization to the students, or interfering

with the legitimate work of the Institution. A student who has not first secured the permission of his parents is not allowed to engage in any public contest.

ATHLETIC FIELD. Immediately north of the college buildings is the athletic field, which is carefully graded and securely inclosed and covers an area of over four acres. It affords room and facilities for all kinds of outdoor sports.

THE BOILER HOUSE supplies the steam required for heating all the college buildings, and has capacity for more.

Besides these buildings there are on the campus the President's house, a double house for Professors, and four halls erected by Greek Letter Societies.

A fair valuation of the several buildings is:

Pennsylvania Hall,.....	\$38,000
South College,.....	20,000
Gymnasium,	14,000
Stevens Hall,.....	20,000
Chemical Laboratory,.....	10,000
Observatory,	3,500
Recitation Hall,.....	86,000
Brua Chapel,.....	19,000
Other buildings, not including fraternity halls,	14,000
Steam and water plants,.....	25,000
	<hr/>
	\$249,500

In addition, the libraries, scientific apparatus, scientific collections and furniture are worth at least \$75,000. These estimates do not include the value of the improved campus.

NEEDS OF THE COLLEGE

The friends of the college may desire information as to its most pressing needs. Provision should be made for additional teaching force and apparatus in the following departments:

The Department of Physics.

The Department of Applied Mathematics.

The Department of Philosophy and History.

The Department of Rhetoric and Elocution.

The Library Fund and the General Endowment Fund should be increased.

GENERAL ALUMNI ASSOCIATION

The Alumni Association of Pennsylvania College holds its regular annual meeting on Tuesday evening of Commencement Week. In 1876 the Board of Trustees granted the Association the privilege of nominating six of their number to membership in the Board, to fill alternate vacancies till the whole number is secured.

The officers of the association are: President, Hon. Harry M. Clabaugh, class of '77; Vice Presidents, Samuel S. Neely, Esq. '85; Frank G. Turner, Esq., '93; Jacob J. Weaver, M. D., '67; Secretary, Prof. M. Coover, '87; Treasurer, Mr. H. C. Picking, '79.

COLLEGE PERIODICALS

The *College Mercury*, published monthly in term time under the control of the Literary Societies, is a literary journal sustained by the contributions of students and alumni. The *Gettysburgian*, under the private control of students, is published weekly and makes a specialty of college and town news. The *Spectrum*, an annual publication of the Junior class, contains pictorial representa-

tions of the College with its various organizations and surroundings as well as useful statistics about students and alumni. All aim at enlarging the means of communication between the College and its graduates, former students and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the Institution.


CONTINGENT FUND

Under the recommendations of the various Synods, the congregations on the territory of Pennsylvania College several years ago began a plan of taking up, on the Day of Prayer for Colleges, a special collection for the contingent expenses of the College. The money thus collected has been spent largely in improving the campus.

The attention of School-boards and others desiring teachers is called to the fact that it is frequently in the power of the Faculty to recommend suitable persons. Many graduates fill successfully important positions in public and private institutions.

FORM OF BEQUEST

I give, bequeath and devise to "The Trustees of Pennsylvania College, of Gettysburg, in the County of Adams," in the State of Pennsylvania, and their successors and assigns forever, the sum of——(or shares in the bank of——, or any other personal property or real estate, as the case may be), to be applied to the Endowment Fund of the Institution.

 *A bequest to a benevolent corporation, to be legal, must be made at least 30 days before the death of the Testator, in Pennsylvania, and 60 days in New York.*

PREPARATORY DEPARTMENT

AIM OF THE DEPARTMENT

Stevens Hall is located within two minutes' walk from Pennsylvania College. The object of its foundation, which the school has steadily kept in view, was to present to the public AN ACADEMY UNDER THE CONTROL OF COLLEGE AUTHORITIES. The advantages of such a combination are obvious. To students who desire to prepare for college it offers a course of preparatory instruction under the eyes of their future Professors and in the line of the college requirements. The school, being open at all times to visits from instructors in the College, and receiving from time to time their counsel, is able to give to those students who desire it just that preparatory study and drill which will lead to the most profitable and creditable work in the college classes. Time is concentrated upon the studies in which it is needed, and STUDENTS WHO HAVE SATISFIED THE REQUIREMENTS IN THE PREPARATORY DEPARTMENT ARE ADMITTED TO THE FRESHMAN CLASS OF THE COLLEGE UPON THE PRINCIPAL'S RECOMMENDATION WITHOUT FURTHER EXAMINATION. On the other hand, students who do not expect to enter College, and who desire only an English education, preparatory to business, teaching, etc., may find in this school an academy of high grade under the supervision of college Professors, in a college atmosphere, and with free access to the college libraries. Near association with a college is a stimulus to study, and often awakens a desire for a higher education.

GOVERNMENT

The Preparatory Department, though under the control of the College authorities, has a separate building of its own and is under the special direction of a Principal who gives to it his whole time in the work of instruction and supervision. He is aided by three assistants.

The school seeks to develop intelligent Christian gentlemen. The discipline aims at making the pupil SELF-GOVERNING, and at leading him to habits of self-respect and self-control by training the judgment, quickening the conscience, and cultivating a delicate sense of honor.

When it is evident that a pupil has no proper appreciation of his opportunities, and is harming the school rather than receiving benefit from it, his parents are asked to remove him.

During study hours students are expected to be in their rooms, which are subject to frequent visits by instructors.

ADMISSION

Students are admitted at any time to the grade for which they have been qualified by previous study. But it is highly important that the student enter the school as early in the course as possible. With the present high requirements for admission, a hurried preparation is generally unwise and tends to embarrass the student's future progress, especially in Latin and Greek. Accurate, technical scholarship, at which the school aims, can hardly be secured without long drill, especially in the languages. Without intending at all to discourage those whose circumstances, rather than their desire, lead them to attempt short preparation, all who can are urged TO LAY THE

FOUNDATION CAREFULLY. An additional year of time at the beginning is always a gain in the ease and success with which future work is done. The fact, however, is recognized that students differ widely in ability and industry, and every opportunity is afforded those who can do so to cover the required work in a shorter time.

No examinations are required for admission, the pupil being at once assigned to the class for which his previous studies seem to have fitted him. If, upon trial, it be found that a mistake has been made, the Principal reserves the right to transfer the student to the proper grade.

Students who have advanced sufficiently in Mathematics and the English branches to enter the Freshman class, but have not studied Latin or Greek, will here find special arrangements made for their rapid advancement. Girls will be received as day scholars. A study hall has been reserved for their exclusive use and they are not obliged to mingle with the general class except at regular recitation periods. When at school they are under the care of a lady superintendent. Refined homes for them can be secured in town at moderate rates. They will be under the care of the Principal, who will be fully informed of their conduct.

RELIGIOUS EXERCISES

On Sunday morning the students of the Preparatory Department are required to attend worship with the college instructors and students in the College Church, or such other place of worship as their parents or guardians may designate. A Bible class is conducted by the Principal every Sunday morning and is a part of the regular course of study. Chapel service is held every morning except Saturday.

COURSE OF STUDY

The course of study is designed to prepare students of either sex, who desire to enter college, for the Freshman class, and to give students who do not expect to enter college, so far as it can carry them, a wide intelligence, true culture, and habits of careful and sound thinking. New and important subjects have been added, and increased attention is given to the lower classes. All students of the school have free access to the College Library, and students over fifteen years of age may join either of the College Literary Societies. There is also a Literary Society conducted by the students of the Department.

There is no musical course in the school, but arrangements for instruction at moderate terms may be made in the town without conflict with school work.

A report of the work and conduct of each student is sent home at the end of each term, and at any other time upon request or when the Principal thinks it desirable.

There are two courses, the Classical (with Greek), and the Scientific or Academic (without Greek). The subjects taught are as follows:

LATIN

Junior Class. Instruction in the essentials of the language. Translation of short stories, fables, dialogues. The writing in Latin of simple sentences. Drill on vocabulary.

Middle Class. Review of Latin in Comstock's Lessons. Viri Illustres Romae, with continuous drill in the grammar; analysis of words and sentences; prose composition based on the text.

Sub-Freshman Class. Cicero's Orations, first three against Catiline, with sight translation of advance passages; drill in syntax; prose composition based on Cicero. Vergil's Æneid, I-III, with study of Latin Prosody; Mythology.

GREEK

Middle Class. White's First Greek Book; complete survey of the language with syntactical analysis of the first eight chapters of Xenophon's Anabasis; study of word-formation, rules of syntax, historical allusions; special drill on vocabulary.

Students in the Scientific course take Physics and Physiology instead of Greek.

Sub-Freshman Class. Xenophon's Anabasis, I-III, with continuous drill in grammar and Attic forms. Translation at sight of book V, with special study of moods and tenses.

Students in the Scientific course will take Physical Geography and History instead of Greek.

Students who are prepared for college in all the other entrance requirements will be allowed to concentrate upon Latin, Greek and Mathematics, and a special class will be organized for their benefit.

MATHEMATICS

Junior Class. Arithmetic to percentage; analysis of numbers; notation; special drill in fractions, including Decimals.

Middle Class. Arithmetic completed, with the Metric system; Commercial Arithmetic. Wells' Academic Algebra through Fractions.

Sub-Freshman Class. Algebra completed with special drill in the Equation. Drill in Geometrical Figures with Kitchener's Note Book as a guide. Wentworth's Geometry, I-III; solution of original problems.

HISTORY

Junior Class. Eggleston's History of the United States; study by questions on the text, and by epochs. Frequent tests in writing.

Middle Class. Montgomery's History of the United States.

Sub-Freshman Class. Grecian and Roman History with attention to social customs, education, literature, thought and art. Reading from standard works in history and biography.

English and French history *for students in the Scientific Course.*

ENGLISH

Junior Class. English Grammar. Reading, Spelling, Punctuation; use of capitals. Writing from dictation. Letter writing.

Literature: Dr. Brown's Rab and His Friends, Hughes' Tom Brown's School Days, Kingsley's Heroes and Westward Ho, Hawthorne's Wonder Book, Burroughs' Birds and Bees, Irving's Sketch Book.

Middle Class. Buehler's English Grammar. Reading, recitation, composition and declamation. Spelling, punctuation, capitals. Narration and description. Study of outlines.

Literature: Church's Story of the Iliad, Cooper's Last of the Mohicans, Longfellow's Miles Standish and Evangeline, Dickens' Christmas Carols, Tennyson's Enoch Arden.

Sub-Freshman Class. Syntactical analysis. Buehler's Practical Exercises. Study of the paragraph; figures; types of style. Abstracts and outlines. Declamation. Composition.

Literature: Macauley's Essays on Frederick the Great, Sir Roger de Coverley Papers, Scott's Ivanhoe and Lady of the Lake, Hawthorne's Scarlet Letter, Eliot's Silas Marner, Tennyson's Idylls of the King, De Quincey's The Flight of the Tartars.

NATURAL SCIENCE

Junior Class. Geography, Industrial and Political, with map-drawing. Natural History; survey of the Mineral, Vegetable and Animal Kingdoms.

Middle Class. Cooley's Physics. Physiology with direct reference to Hygiene.

Sub-Freshman Class. Eclectic Physical Geography. Natural laws and forces.

BUSINESS

A course of instruction is given in Book-keeping when desired. This course is intended to fit young men for a business career.

PHYSICAL EXERCISE.

The building is surrounded with large and pleasant grounds adapted to football, baseball, tennis and other outdoor sports; and in addition to this the students enjoy all the privileges and instruction of the College Gymnasium.

BUILDINGS AND ROOMS

The building, located on a slight eminence north of the town, is heated throughout by steam. The rooms on the third floor are now arranged *en suite* with a broad archway separating the study and sleeping apartments. On the second floor the rooms are separate.

The rooms have been refurnished with heavy oak wardrobes, bookcases, washstands, tables and chairs. Iron enameled beds, complete with springs and mattresses, are also provided. Two students occupy two rooms, one for studying the other for sleeping. The rooms are furnished with two single bedsteads, mattresses, chairs, table, bookcase, clothes closet, window curtains and washstand. The other articles needed for the rooms, and *to be furnished by the occupants*, are as follows: Washbowl and pitcher, mirror, lamp, oil-can, slop-pail and carpet. The carpet for a third floor study room is $10\frac{1}{2}$ by $10\frac{1}{2}$, sleeping room $10\frac{1}{2}$ by 11, for a second floor study room 10 by $12\frac{1}{2}$. Each student must also be provided with towels, three sheets for single bed, two pillow slips, a spread, comforts and blankets, and a feather pillow.

EXPENSES

Tuition,	\$12.00	\$9.00	\$9.00
Room-rent and Use of Furniture,....	8.25	7.00	7.00
Steam Heat,	3.60	4.20	1.80
Gymnasium Fee,	2.00	2.00	2.00
Incidentals.....	5.00	5.00	4.50
	<hr/>	<hr/>	<hr/>
	\$30.85	\$27.70	\$24.30

Students do not board in the building, but in clubs and private families at a cost of from \$1.87 to \$3.00 a week. Washing is \$1.25 a month. A deposit of one dollar will be required at the beginning of the year to insure the re-

turn of keys and the proper care of the room. This will be returned to the student at the end of the year if no damage has been sustained. Students who do not room in the building are not charged for room-rent or for heating.

All bills with the Institution must be paid at the beginning of each term. Money entrusted to the Principal for the use of students will be expended as desired.

For further information address

REV. CHARLES H. HUBER, A. M.,

Principal.

REGISTER OF STUDENTS.

COLLEGIATE DEPARTMENT.

SENIOR CLASS.

CLASSICAL COURSE.

Charles Haines Auman	<i>Spring Mills,</i>	34 E.
Albert Billheimer	<i>Gettysburg,</i>	108 Springs Ave.
Jonas Sahner Blank	<i>Pittsburg,</i>	11 and 13 S.
Hylas Clyde Brillhart	<i>Glen Rock,</i>	7 M.
Herbert Schuman Dornberger	<i>Pittsburg,</i>	10 and 12 S.
Wellington Roe Emmert	<i>York Springs,</i>	25 S.
Malvin Dale Geesey	<i>Spring Forge,</i>	20 E.
George William Gulden	<i>Gettysburg,</i>	103 Hanover St.
Elam Gross Hess	<i>Manheim,</i>	218 N. Stratton St.
Harrison Kauffman	<i>Paxton,</i>	218 N. Stratton St.
James Edward Lowe, Jr.	<i>Westminster, Md.</i>	27 W.
Mary Buchanan McGill ✓	<i>Thurmont, Md.,</i>	202 Chambersb'g St.
Homer Wertz Myers	<i>Marion,</i>	23 W.
George Gordon Parker	<i>Colwyn,</i>	1 E.
Judd Nycum Poffinberger	<i>Vandergrift,</i>	21 S.
Bertram Augustus Strohmeier	<i>Pottsville,</i>	10 M.
John Miller Van Doren	<i>New Germantown, N. J.,</i>	29 S.
Helen May Wagner ✓	<i>Hazleton,</i>	109 Springs Ave.
Vera Louisa Wagner	<i>Hazleton,</i>	109 Springs Ave.
Daniel Elias Weigle	<i>Mechanicsburg,</i>	17 and 19 S.
Nathaniel Ruggles Whitney	<i>Lykens,</i>	15 and 17 S.
Joseph Harold Wolf	<i>Glen Rock,</i>	2 E.
Frank Russell Young	<i>Middletown, Md.,</i>	1 E.

SCIENTIFIC COURSE.

Harry Brua Campbell	Middletown,	22 W.
Norman Henry Haar	Hanover,	16 E.
John Nicholas Hartman	McKeesport,	5 S.
George William Hill, Jr.	Frostburg, Md.,	11 E.
Mary Agnes McAllister	Gettysburg,	37 E. High St.
Harriet Anderson McGill	Thurmont, Md.,	202 Chambersb'g St.
David Forney Miller	Mechanicsburg,	17 and 19 M.
Walter Sherman Stine	Altoona,	11 and 13 S.
Amanda Margarette Tawney	Gettysburg,	41 Steinwehr Ave.
George Michael Trostle	York Springs,	20 S.
Ernest Samuel Wolf	Abottstown,	14 S.

SENIORS, 34.

JUNIOR CLASS.

CLASSICAL COURSE.

Clarence Eugene Arnold	York,	24 and 26 E.
Jesse Ethan Benner	Gettysburg,	Baltimore Pike
Nellie Kate Blocher	Gettysburg,	400 Carlisle St.
Edwin Butler Boyer	Accident, Md.,	38 E.
Belle Wierman Bream	Gettysburg,	124 Springs Ave.
Rolland Edward Brumbaugh	Roaring Spring,	1 S.
Sara Barbara Brumbaugh	Roaring Spring,	W. Lincoln Ave.
Mary Swartz Fiscel	Gettysburg,	Steinwehr Ave.
Zenas Orton Fiscus	Vandergrift,	30 S.
William Keller Fleck	Huntingdon,	19 E.
Charles Edward Fry	Brunswick, Md.,	35 E.
Elsie Anna Gerlach	Gettysburg,	56 Chambersburg St.
Clifford Elvin Hays	Hagerstown, Md.,	24 and 26 E.
John Clyde Hoover	Fleming,	5 W.
Margaret Anderson Lott	Gettysburg,	Harrisburg Road.
Eleanor Wortz Miller	Gettysburg,	31 E. Middle St.
Franklin Wattles Moser	Schuylkill Haven,	23 S.
Ward Beecher Shank Rice	Gettysburg,	150 York St.
Ernest Victor Roland	Chapman's Run,	30 W.
Martha Ellen Sachs	Gettysburg,	136 E. Middle St.
Robert William Schnitzer	Gettysburg,	4 Carlisle St.
William Martin Seligman	Butler,	162 York St.
Thomas Edgar Shearer	Worthington,	Observatory.

Paul Rothrock Sieber	Gettysburg,	27 W. Middle St.
Paul Singmaster	Gettysburg,	Confederate Ave.
Harry Franklin Smith	Hagerstown, Md.,	28 E.
Samuel Earnest Smith	Millvale,	31 E.
Henry Renoll Spangler	Spring Forge,	20 E.
Rufus Miley Weaver	Gettysburg,	129 Baltimore St.

SCIENTIFIC COURSE.

Thomas Alvin Faust	Ambler,	7 S.
Clifford Clinton Hartman	Pittsburg,	6 S.
John Willard Hershey	Tillie,	209 N. Washington St.
Howard Elwood James	Reading,	33 E.
George Washington Karmany	Hummelstown,	10 E.
Lloyd Leslie Lammert	Frostburg, Md.,	14 M.
Earl Beachy Musser	Berlin,	8 S.
Jesse Nelson Sharretts	Gettysburg,	48 Stevens St.
Cora Susan Swartz ✓	Gettysburg,	238 Baltimore St.
JUNIORS, 38.		

SOPHOMORE CLASS.

CLASSICAL COURSE.

Markley Connel Albright	Hatfield,	30 E.
David Lincoln Baker	Abbottstown,	22 M.
Albert Daniel Bell	York,	9 W.
Grace Maria Blocher ✓	Gettysburg,	400 Carlisle St.
Henry Michael Bower	Hughesville,	3 M.
Edwin Allan Chamberlain	Trenton, N. J.,	28 S.
Harry Watson Davison	Greencastle,	39 E.
Oscar Carlton Dean	Middletown, Md.,	29 and 31 W.
Harry Dollman	Orangeville,	11 E.
Cora Myrtle Drum ✓	Gettysburg,	39 York St.
Frank P Fisher	Warrior's Mark,	25 E.
James Aldro Fritz ✓	Blairsville,	21 M.
Lillia Rebekah Gantt ✓	Frostburg, Md.	3 Campus.
Herbert Spencer Garnes	Fisherville,	26 W.
Willis Wissler Hackman	Brunnerville,	11 W.
Frederick Melanchthon Harmon	Hazleton,	1 York St.
Mary Hay Himes ✓	Gettysburg,	30 Carlisle St.
George Walter Kessler	Sac City, Ia.,	36 S.

Guy Beaver King	Virginia Mills,	12 M.
Irvin Martin Lau	Gettysburg,	62 Stevens St.
Harvey Ross McAllister	Gettysburg,	37 E. High St.
Anna Elizabeth McLaughlin	Mooredale,	3 Campus.
Fannie Long McMahan	Troy,	3 Campus.
Edmund Longinus Manges	Oakland, Md.,	28 W.
William Louis Meals	Gettysburg,	Mummasburg Road.
Levi Forrest Mercer	Mechanicsburg,	26 S.
Calvin John Miller	Spring Forge,	37 E.
Effie Matilda Miller	Gettysburg,	25 Chambersburg St.
Stacy Eugene Peters	Dallastown,	20 M.
George Michael Rice	Arendtsville,	12 M.
Jonas Keffer Robb	Hillsview,	16 M.
Albert Lawrence Sauter	Connellsville,	17 E.
Albert Clinton Shuck	State Line,	19 W.
Louis Earle Smith	Chambersburg,	27 S.
Loy Woods Stambaugh	Cisna Run,	31 W.
Curvin Horatio Stein	Freysville,	20 M.
Howard Chester A. Stouffer	York,	10 M.
Jesse Franklin Swartz	Spring Forge,	25 W.
Fred Gallaher Troxell	Gettysburg,	27 Hanover St.
Anna Jean Wetterau ✓	Hazleton,	209 N. Washington St.
Allston Leffler Whitney	Lykens,	15 and 17 S.
Frederick William Wittich	Hazleton,	26 S.
Mabel Irene Yonson ✓	Waynesboro,	215 N. Washington St.

SCIENTIFIC COURSE.

John Brehne Baumgardner	Chambersburg,	16 W.
John McCrea Dickson	Gettysburg,	103 W. Middle St.
Joseph Chalfont Dickson	Gettysburg,	103 W. Middle St.
Leroy Earle Enterline	Ashland,	8 W.
George Haas	Pine Grove,	17 W.
Gideon Moul Haar	Hanover,	20 W.
Donald Sangree Hake	Gettysburg,	227 W. Middle St.
Horatio Ambrose Helder	Dallastown,	18 M.
John Catherman Himes	McAllisterville,	30 W.
Donald Witherow Huber	Gettysburg,	103 Springs Ave.
Henry States Huber	Gettysburg,	103 Springs Ave.
Elbert Eugene Kifer	Leechburg,	16 and 18 S.
Charles Philip Lantz	Harrisburg,	12 M.
George Lauman Laverty	Middletown,	18 W.

Allen Clair Lebo	<i>Williamstown,</i>	9 S.
James Haines McClure	<i>Elk Lick,</i>	2 S.
William Bradbury McClure	<i>Elk Lick,</i>	2 S.
Elmer William Martin	<i>Ashland,</i>	6 M.
Robert Weir Michael	<i>Centralia,</i>	18 E.
Edgar Allen Miller	<i>Hampton,</i>	22 M.
Frederick Augustus Muhlenburg	<i>Reading,</i>	10 and 12 S.
Daniel Ritter	<i>McCoysville,</i>	16 W.
George Keyworth Shearer	<i>York,</i>	8 W.
Roy Eyster Smith	<i>Chambersburg,</i>	27 S.
Raymond Frederick Topper	<i>Gettysburg,</i>	58 Baltimore St.
Martin Luther Wachtel	<i>Myersville, Md.,</i>	17 W.
Ralph Zimmerman	<i>Somerset,</i>	19 S.

SELECT COURSE.

Chester Garfield Crist	<i>Benton,</i>	22 S.
George Albert Deitrick	<i>Mount Carmel,</i>	14 M.
William James Morrow	<i>Harrisburg,</i>	35 S.
Howard Stanley Pownall	<i>Lansdale,</i>	30 E.
Harry A. Shimer	<i>Roaring Spring,</i>	1 S.
Russell Simpson Shoemaker	<i>Harney, Md.,</i>	6 W.

SOPHOMORES, 76.

FRESHMAN CLASS.

CLASSICAL COURSE.

Joseph Arnold	<i>Brooklyn, N. Y.,</i>	1 W.
Elizabeth Jeannette Bayly ✓	<i>Gettysburg,</i>	301 York St.
Virginia Marion Beard ✓	<i>Gettysburg,</i>	209 N. Washington St.
Ralph Emerick Bell	<i>York,</i>	9 W.
William Albert Berkey	<i>Stoyestown,</i>	22 E.
Paul Frederick Bloomhart	<i>Altoona,</i>	22 E.
Charles Swartz Bream	<i>Gettysburg,</i>	R. F. D. 4.
James Howard Buck	<i>Hughesville,</i>	3 M.
Milo R. Clare	<i>Abbottstown,</i>	18 M.
Elbie Edison Creps ✓	<i>Indiana,</i>	12 E.
Helen Grace Culp ✓	<i>Gettysburg,</i>	115 Chambersburg St.
Earle Vinton Ehrhart	<i>Lineboro, Md.,</i>	24 W.
John Watson Elliott	<i>Leechburg,</i>	9 S.
George Raymond Haaf	<i>Palatine, N. J.,</i>	29 E.

Charles Felder Vanmetre Hesse	<i>Brookville,</i>	15 W.
George Theobald Heintz	<i>Buffalo, N. Y.,</i>	1 W.
George Linn Kieffer	<i>Millersburg,</i>	26 W.
Clark Benjamin Kistler	<i>Elliottsburg,</i>	23 E.
Charles Leonard Kopp	<i>Lineboro, Md.,</i>	36 E.
Elias Trostle Lau	<i>Gettysburg,</i>	62 Stevens St.
Robert Ellsworth Peterman	<i>Littlestown,</i>	11 M.
Norman Guy Phillipy	<i>Greencastle,</i>	4 S.
Mervin Elmer Smith	<i>Aspers,</i>	12 W.
Edgar Ernest Snyder	<i>Chapman's Run,</i>	13 E.
Samuel Franklin Snyder	<i>Indiana,</i>	12 E.
Simon Snyder	<i>Clearspring, Md.,</i>	14 W.
Alfred Levis Taxis	<i>Wilkinsburg,</i>	39 E.
Grover Tracy	<i>Lineboro, Md.,</i>	36 E.
Harry Ray Wolf	<i>Harrisburg ,</i>	27 E.
George Edgar Wolf	<i>Annville,</i>	13 W.

SCIENTIFIC COURSE.

George Nicholas Acker	<i>Washington, D. C.,</i>	8 M.
Walter Amberson Barnes	<i>Gettysburg,</i>	R. F. D., 4.
Maurice Blocher Bender	<i>Gettysburg,</i>	131 Carlisle St.
Grover Keller Bream	<i>Gettysburg,</i>	R. F. D., 4.
Felton Samuel Dengler	<i>Steelton,</i>	24 S.
Curvin Albright Diehl	<i>New Oxford,</i>	201 Chambersburg St
Charles Gross Duncombe	<i>Myersdale,</i>	15 E.
Mary Hake ✓	<i>Gettysburg,</i>	227 E. Middle St.
Ralph Julius Soliday Hoffacker	<i>Hanover,</i>	24 W.
Karl Frederick Irvin	<i>Altoona,</i>	34 S.
John Roy McMillan	<i>Gettysburg,</i>	Confederate Ave.
Lorenzo Gordon Maurer	<i>Wapwallopen,</i>	14 E.
Leroy Neighbor Miller	<i>New Germantown, N. J.,</i>	4 S.
Oliver Daniel Mosser	<i>Mt Jewett,</i>	30 S.
Benjamin Philson	<i>Berlin,</i>	9 M.
Samuel Philson	<i>Berlin,</i>	9 M.
Howard Raymond Rarig	<i>Catawissa,</i>	14 E.
Charles Garfield Remsburg,	<i>Petersville, Md.,</i>	17 W.
Clarence E Reyner	<i>Knox,</i>	23 E.
Keller Emrick Rockey	<i>Waynesboro,</i>	8 M.
Andrew Reed Rowe	<i>Phœnixville,</i>	21 W.
Daniel Augustus Rupp	<i>York,</i>	3 S.
Harry Clayton Sieber	<i>Mifflin,</i>	7 S.

Leslie Watson Taylor	Norwood,	13 E.
D Agnew Thomas	Gettysburg,	214 Chambersburg St.
Lloyd Van Doren	New Germantown, N. J.,	29 S.
Maurice Stevenson Weaver	Gettysburg,	261 Baltimore St.
John Brown Zinn	Gettysburg,	Hotel Gettysburg.

SELECT COURSE.

Katherine Duncan ✓	Gettysburg,	109 Lincoln St.
Louise Duncan ✓	Gettysburg,	109 Lincoln St.
Harry H. Hartman	Millville,	25 W.
Mary Catherine Kohler ✓	Philadelphia,	10 York St.
Rudolph Eastley Nichol	Frostburg, Md.,	4 (A) S.
Anna Hayward Spangler ✓	Gettysburg,	116 Carlisle St.

FRESHMEN, 64.

PREPERATORY STUDENTS.

SUB-FRESHMAN CLASS.

Stanley Baker	Stull,	39 St.
Joseph Tate Bayly	Gettysburg,	301 York St.
Earle Ronald Bishop	Meyersdale,	31 S.
Samuel Edward Bower	Berwick,	14 E.
George Edward Bowersox	Silver Run, Md.,	24 St.
Herbert Addington Bream	Gettysburg,	Fairfield Road.
William Herschel Brown	Gainesboro, Va.,	304 W. Middle St.
Lytton Briggs Buehler	Gettysburg,	11 Chambersburg St.
Ruth Zella Buehler	Gettysburg,	11 Chambersburg St.
Frank Lee Chase	Oakland, Md.,	44 St.
David Monroe Crist	Union Deposit,	39 St.
William Offutt Davis	Frostburg, Md.,	43 St.
Carl Cheston Dreibelbis	Bloomsburg,	32 S.
Edward Niles Frye	Carnegie,	25 St.
Robert Harris Gearhart, Jr.	Sunbury,	34 S.
George Edwin Hartman	Gettysburg,	25 Hanover St.
Paul Geyer Hartman	Littlestown,	151 Chambersburg St.
James Jeffries Hitchins	Frostburg, Md.,	27 St

Lawrence Gladstone R. Hitchins	<i>Frostburg, Md.,</i>	26 St.
Arthur Douglas Hunger	<i>Vandergrift,</i>	33 S.
George Edward Jacobs	<i>Johnstown,</i>	44 St.
John Jenkins	<i>Pottsville,</i>	23 St.
Charles Henry Kelbaugh	<i>Smithsburg, Md.,</i>	45 St.
Julius Grover Cleveland Knipple	<i>Silver Run, Md.,</i>	29 St.
Arthur Taylor Knouse	<i>Gettysburg,</i>	Hagerstown Road.
Harry Davis Lighty	<i>Steelton,</i>	38 St.
William Armour Logan	<i>Philadelphia,</i>	40 St.
Carl Frank Miller	<i>Kingsville,</i>	38 St.
John Rogers Musselman	<i>Gettysburg,</i>	247 Baltimore St.
Benjamin Leroy Plank	<i>Carlisle,</i>	17 and 19 M.
Charles Allen Russel	<i>Hughesville,</i>	43 St.
John Harrison Sachs	<i>Gettysburg,</i>	140 E. Middle St.
Raymond Witmer Sieber	<i>Gettysburg,</i>	137 W. Middle St.
John Lamont Tebay	<i>Emlenton,</i>	29 St.
John E. Weitzel, Jr.	<i>Wrightsville,</i>	27 W.
Ernest Henry Yohn	<i>Mechanicsburg,</i>	19 S.
SUB-FRESHMEN, 36.		

MIDDLE CLASS.

John Bruce Beard	<i>Gettysburg,</i>	Harrisburg Road.
Newton William Black	<i>Broad Top City,</i>	44 St.
Thomas Herman Black	<i>Broad Top City,</i>	45 St.
Howard Hartman Blume	<i>McKeesport,</i>	32 St.
Alcone Daniel Breitenreiter	<i>McKeesport,</i>	32 St.
Rufus Willis Cooper	<i>New York, N. Y.,</i>	46 St.
John Frederick Dulebohn	<i>Welsh Run,</i>	40 St.
Howard Miller Fisher	<i>New Germantown, N. J.,</i>	30 St.
Clinton Hartman	<i>McKeesport,</i>	5. S.
Louis Hetzel	<i>Connellsville,</i>	17 E.
Blanche Swope Klinger	<i>Gettysburg,</i>	129 Lincoln Ave.
Sarah Nancy Lau	<i>Gettysburg,</i>	62 Stevens St.
George Alexander Makin	<i>Niagara Falls, N. Y.,</i>	34 St.
Mather Ross McDonald	<i>Maryland Line,</i>	10 E.
G. Kenton Meals	<i>Gettysburg,</i>	Mummasburg Road.
Milton Miller	<i>Pocahontas,</i>	28 St.
George Mooradian	<i>Harpoor, Turkey,</i>	5 M.
William Henry Rowe	<i>Roland Park, Md.,</i>	46 St.
Carrie Marie Schroder	<i>Gettysburg,</i>	253 Baltimore St.
Arlie Luther Sowers	<i>Gettysburg,</i>	Hunterstown Road.

John Henry Trimmer	<i>East Berlin,</i>	41 St.
Sterling Valentine, Jr.	<i>Dunbar,</i>	8 S.
Charles White Wernke	<i>McKeesport,</i>	45 St.
Herbert Bender Wolf	<i>East Berlin,</i>	41 St.
Frederick Immel Yost	<i>New York, N. Y.,</i>	46 St.

MIDDLEERS, 25.

SUMMARY.

Seniors,	34
Juniors,	38
Sophomores,	76
Freshmen,	64
<hr/>	
Collegiate Department,	212
Preparatory Department,	61
<hr/>	
Total,	273

Commencement 1905

DEGREES, HONORS AND PRIZES.

CLASS OF 1905.

BACHELORS OF ARTS.

Paris Biemensderfer Andes,
 Harvey Bickel,
 Philip Raymond Bikle
 Walter Scott Bonnell
 Calvin Sylvester Brewer,
 Clarence Edwin Butler,
 Bender Z. Clinton Cashman,
 James Allen Dickson,
 Andrew Luther Dillenbeck,
 Howard Freas,
 Charles Gauger,
 John Stonesifer Gilbert,

Joel Emory Grubb,
 Harvey Solomon Haar,
 Charles William Heathcote,
 Robert Nicholas Heltzel,
 Arthur William Hershey,
 Harry Clare Kleckner,
 Paul Luther Kunzman,
 Lloyd Emory Poffinberger,
 Harry Randolph Rice,
 Harry Oristus Wagner,
 Isaac Elmer Walter,
 William Arter Zundel,

BACHELORS OF SCIENCE.

Paul Amos Bartholomew,
 Bruce Urban Parker Cobaugh,
 John Christopher Diehl,
 Tillottson Fryatt,
 Ross Kirby Gilbert,

James Brown Graff,
 George Rupp Pretz,
 Edmund Hoopes Singmaster,
 Guy Revere Thomas,
 Harold Schick Trump,

George L. Wellington Eppler, as of the class of 1904.

SECOND HONOR:

Lloyd E. Poffinberger,	Foltz.
Isaac E. Walter,	Alga.
Philip R. Bikle,	Gettysburg.
Harvey S. Haar,	Hanover.
Bender C. Z. Cashman,	New Oxford.
*Bruce U. P. Cobaugh,	Somerset.
Robert N. Heltzel,	Cedar Ridge.
*Guy R. Thomas,	Biglerville.
Charles W. Heathcote,	Hanover.

GRAEFF PRIZE:

For best essay on Spenser's Nuptial Poems.	
Andrew L. Dillenbeck,	St. Johnsville, N. Y.
with honorable mention of	
Clarence E. Butler,	Lilly.

Class of 1906.

HASSLER GOLD MEDAL: Junior Latin Prize.

Albert Billheimer,	Gettysburg.
with honorable mention of	
Hylas C. Brillhart,	Glen Rock.
Vera L. Wagner,	Hazleton.

PITTSBURG CLUB PRIZE IN CHEMISTRY.

Harry B. Campbell,	Middletown.
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REDDIG PRIZE IN ORATORY:

Bertram A. Strohmeier,	Pottsville.
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Class of 1907.

BAUM SOPHOMORE MATHEMATICAL PRIZE:

Ward B. S. Rice,	Gettysburg.
Rufus M. Weaver,	Gettysburg.
with honorable mention of	
Sara B. Brumbaugh,	Roaring Spring.
Harry F. Smith,	Hagerstown.
Franklin W. Moser,	Schuykill Haven.

*Scientific Course.

Class of 1908.

MUHLENBURG FRESHMAN PRIZE (in general scholarship.)

GRACE M. BLOCHER,Gettysburg.
 Mabel I. Yonson,Waynesboro.
 with honorable mention of
 Louis E. Smith,Chambersburg.
 Edmund L. Manges,Oakland, Md.

GIES PRIZES IN DEBATE:

FIRST AND SECOND PRIZES (1906):

Hylas C. Brillhart,Glen Rock.
 Harry B. Campbell,Middletown.
 Nathaniel R. Whitney,Lykens.

THIRD PRIZE, (1907):

Ernest V. Roland,Chapman's Run.
 Paul Singmaster,Gettysburg.
 Samuel E. Smith,Lamartine.

PEN AND SWORD PRIZE: (English Composition.)

William A. Zundel, (1905)Greensburg.
 with honorable mention of
 Albert Billheimer, (1906)Gettysburg.
 Samuel E. Smith, (1907)Lamartine.

MASTER OF ARTS IN COURSE:

1899.

Rev. W. H. Bruce Carney, Reuben O. Diehl, M. D.,

1901.

Harry H. Penrod, M. D., Rev. Joseph M. Weber,
 Jacob R. Stoner,

1902.

Paul G. Cressman, Arthur B. Richard,
 Rev. Reese S. Poffenbarger, Edward C. Ruby,
 Rev. Wm. H. W. Reimer, Charles C. Storrick.

MASTER OF SCIENCE IN COURSE:

1901.

Ardashes H. Merdinyan.

HONORARY MASTER OF ARTS:

Rev. Ellis B. Burgess,Connellsville.
 Supt. Milton. H. Roth, Gettysburg.

HONORARY DOCTOR OF SCIENCE:

Professor Henry F. Whiting, Dickinson College, Carlisle.
 Professor George D. Pearsoll, Univ. of Penn., Philadelphia.

HONORARY DOCTOR OF DIVINITY:

Rev. A. E. Wagner, Ph. D., Altoona.
 Rev. John Aberly ('88).....Guntur, India.
 Rev. Richard H. Clare,Abbottstown.

HONORARY DOCTOR OF LAWS:

Hon. John Stewart, Chambersburg.

SUMMARY OF GRADUATES.

(EXCLUSIVE OF HONORARY DEGREES.)

Bachelor of Arts,	1276
Bachelor of Science,	90
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Whole number of graduates,	1373

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Seventy-fifth Annual Catalogue

OF THE

OFFICERS AND STUDENTS

OF

PENNSYLVANIA COLLEGE

GETTYSBURG, PENN'A,

FOR THE ACADEMIC YEAR

1906---1907

CALENDAR 1906-1908.

1906.

Sept. 13. Thursday Morning—Beginning of First Term.
Dec. 20. End of First Term.

WINTER VACATION.

1907.

Jan. 3. Beginning of Second Term.
Mar. 27. End of Second Term.

RECESS, NOON, MARCH 27, TO MORNING APRIL 3.

April 3. Beginning of Third Term.
May 16. Junior Latin Examination for Hassler Prize.
June, 3, 4, 5. Final Examination of Senior Class.
June 9. Sunday Morning—Baccalaureate.
June 9. Sunday Evening—Discourse before the Y. M. C. A.
June 10, 11. Entrance Examinations.
June 11. 8 A. M., Tuesday—Meeting of Board of Trustees.
June 12. 10 A. M., Wednesday—Junior Oratorical Contest.
June 12. Evening—Annual Meeting of Alumni—Alumni Collation—
President's Reception.
June 13. 9 A. M. Thursday—Commencement Exercises.

SUMMER VACATION.

Sept. 12. Thursday Morning—Beginning of First Term.
Dec. 20. End of First Term.

WINTER VACATION.

1908.

Jan. 7. Beginning of Second Term.
March 27. End of Second Term.
April 2. Beginning of Third Term.
June 11. Commencement.

OFFICIAL ROLL OF TRUSTEES.

Elected.

1862.	John George Butler, D.D. LL.D.	Washington, D. C.
1870.	Luther E. Albert, D.D.	Mt. Airy, Phila.
1873.	George Ryneal, Jr.	Martinsburg, W. Va.
1875.	Hon. Samuel D. Schmucker, LL.D.	Baltimore, Md.
1878.	Harvey W. McKnight, D.D., LL.D.	Gettysburg.
1882.	Hon. John A. Swope.	Washington, D. C.
1888.	Philip H. Glatfelter.	Spring Forge.
1890.	Hon. Edmund D. Graff.	Worthington.
1890.	William H. Dunbar, D.D.	Baltimore, Md.
1890.	Hon. Samuel McC. Swope	Gettysburg.
1892.	Thomas C. Billheimer, D.D.	Gettysburg.
1893.	John Wagner, D.D.	Hazleton.
1894.	Charles M. Stock, D.D.	Hanover.
1894.	Matthew G. Boyer, D.D.	Philadelphia.
1896.	James Strong	Philadelphia.
1896.	John B. McPherson, Esq.	Boston, Mass.
1896.	J. Emory Bair	Gettysburg.
1897.	John Jacob Young, D.D.	New York, N. Y.
1897.	William A. Shipman, D.D.	Johnstown.
1898.	Henry C. Picking	Gettysburg.
1898.	Charles H. Kunkel	Harrisburg.
1899.	Hon. Daniel F. Lafean	York.
1899.	Charles F. Stifel	Allegheny.
1899.	Henry H. Weber, D.D.	York.
1900.	Hon. Henry M. Clabaugh, LL.D.	Washington, D. C.
1902.	Charles Baum, M.D., Ph.D.	Philadelphia.
1902.	J. Harry Fritz, Esq.	Somerset.
1905.	Milton H. Valentine, D.D.	Philadelphia.
1906.	Samuel G. Heffelbower, D.D.	Gettysburg.
1906.	George E. Neff, Esq.	York.

FACULTY AND INSTRUCTORS.

REV. S. G. HEFELBOWER, A.M., D.D.,

PRESIDENT, AND WILLIAM BITTINGER PROFESSOR OF INTELLECTUAL AND
MORAL SCIENCE.

JOHN A. HIMES, L.H.D.,

3 Campus

GRAEFF PROFESSOR OF ENGLISH LITERATURE AND POLITICAL SCIENCE,
AND LIBRARIAN.

REV. PHILIP M. BIKLE, A.M., PH.D.,

130 Carlisle Street

DEAN AND PEARSON PROFESSOR OF THE LATIN LANGUAGE AND LITERATURE.

EDWARD S. BREIDENBAUGH, A.M., Sc.D.,

2 Campus

OCKERSHAUSEN PROFESSOR OF CHEMISTRY AND MINERALOGY, AND CURATOR
OF THE MUSEUM.

GEORGE D. STAHLEY, A.M., M.D.,

227 Carlisle Street

DR. CHARLES H. GRAFF PROFESSOR OF BIOLOGY AND HYGIENE, AND SECRETARY
OF THE FACULTY.

HENRY B. NIXON, PH.D.,

Confederate Avenue

ALUMNI PROFESSOR OF MATHEMATICS AND ASTRONOMY.

REV. OSCAR G. KLINGER, A.M.,

1 Campus

FRANKLIN PROFESSOR OF THE GREEK LANGUAGE AND LITERATURE.

CHARLES E. DRYDEN, A.M.,

129 Lincoln Street

PROFESSOR OF THE FRENCH LANGUAGE AND LITERATURE.

REV. JOHN O. EVJEN, A.M., PH.D.,

157 Carlisle Street

AMANDA RUPERT STRONG PROFESSOR OF ENGLISH BIBLE, AND CHAPLAIN.

CARL J. GRIMM, PH.D.,

109 Broadway

PROFESSOR OF THE GERMAN LANGUAGE AND LITERATURE

REV. CHARLES F. SANDERS, A.M.,

Carlisle Street

INSTRUCTOR IN PSYCHOLOGY AND ETHICS.

20 E. High Street

PENNSYLVANIA COLLEGE.

5.

CLYDE B. STOVER, A.M.,

ASSISTANT IN CHEMISTRY.

BRUCE U. P. COBAUGH, B.S.,

ASSISTANT IN CHEMISTRY.

E. Lincoln Street.

A. J. WHITE HUTTON, A.M., LL.B.,

LECTURER ON JURISPRUDENCE.

34 Stevens Street.

HENRY WOLF BIKLE, A.M., LL.B.,

LECTURER ON CONSTITUTIONAL LAW.

Chambersburg.

REV. CHARLES H. HUBER, A.M.,

PRINCIPAL OF THE PREPARATORY DEPARTMENT, AND PROFESSOR OF LATIN
AND GREEK.

Philadelphia.

HERBERT S. DORNBERGER, A.B.,

TUTOR IN MATHEMATICS AND NATURAL SCIENCE.

411 Carlisle Street.

ALBERT BILLHEIMER, A.B.,

TUTOR IN GREEK AND HISTORY.

42 Stevens Hall.

LILLIA R. GANTT,

PRECEPTRESS.

16 Stevens Hall.

HOWARD E. JAMES,

PHYSICAL INSTRUCTOR.

3 Campus.

THOMAS E. SHEARER,

PROCTOR.

30 East College.

ERNEST V. ROLAND,

PROCTOR.

7 Middle College.

14 South College.

HARRY C. PICKING,

TREASURER.

SALLIE P. KRAUTH,

ASSISTANT LIBRARIAN.

3 Baltimore Street.

3 Baltimore Street.

HISTORICAL SKETCH.

Pennsylvania College began its corporate existence in 1832. Its forerunner was a classical Academy, founded in 1827, which two years later became the Gettysburg Gymnasium. The excellent work accomplished by the Gymnasium, the evident need for still higher educational advantages, and the fact that neither in the State of Pennsylvania, nor in the United States was there a college under Lutheran auspices, led to the enlargement of the Gymnasium idea, and the establishment of the institution on a permanent college basis.

The first home of the College, as well as that of its germ ancestors, was in the building still to be seen on the corner of High and Washington streets. It remained here until it was removed to the new building, erected in 1836-1837. This structure, still standing, and still greatly admired for its chaste Doric architecture, was originally located in the midst of a campus of six acres, purchased from the Hon. Thaddeus Stevens, through whose influence the State Legislature was prevailed upon to appropriate the sum of \$18,000, out of which fund the new building was erected.

The curriculum under which the College began its work, was arranged in accordance with the best views then extant on American collegiate requirements, and the men placed in charge were eminently qualified for their various positions. The professors and their departments were as follows: S. S. Schmucker, D.D., Prof. of Intellectual and Moral Science; E. L. Hazellius, D.D., Prof. of Latin Language and German Literature; H. L. Baugher, A.M., Prof. of Greek Language and Belles Lettres; M. Jacobs, A.M., Prof. of Natural Philosophy, Chemistry, and Mathematics; J. H. Marsden, A.M., Prof. of Mineralogy, and Botany; Ernst Friederici was placed in

charge of the Preparatory Department, which was also established in 1832, and had its home in the old Gymnasium building until 1838.

The institution began its educational work on November 7th, 1832, with three Juniors, eight Sophomores, twelve Freshmen, and forty Preparatorians. The first graduating exercises took place in September, 1834, when the degree of A.B. was conferred on three candidates.

The presidents of the College during the past seventy-five years of its history have been as follows: Charles P. Krauth, D.D., 1834-1850; Henry L. Baugher, D.D., 1850-1868; Milton Valentine, D.D., LL.D., 1868-1884; H. W. McKnight, D.D., LL.D., 1884-1904; S. G. Hefelbower, D.D., 1904.

The College was at first operated under a board of trustees, elected by the so-called "Patrons," who were the original subscribers to the funds of the institution; their number was twenty-one, and their period of service was for three years. By a modification of the charter in 1850, the number of Trustees was increased to thirty-six, and the body was made self-perpetuating. A modification of its power was agreed to in 1886, when representation was allowed through alumni, nominated by the Alumni Association.

The first building on the present campus was occupied in 1837, and was used for all College purposes until 1889, when it was extensively remodeled for dormitory use, and is now known as Pennsylvania Hall. Linnean Hall, occupied from 1847 to 1889 as a museum, with the first floor devoted for a time to the use of the Preparatory Department and later as a chemical laboratory, was rebuilt in 1890 and is now the Gymnasium. The "J. B. McCreary Gymnasium" was erected in 1872, and was rebuilt in 1890 as the Chemical Laboratory. The Astronomical Observatory was built in 1875; Stevens Hall in 1868, and the professors' houses on the campus in 1867; the president's house in 1857. The new Recitation Hall was first occu-

pied in 1889; Brua Chapel in 1890; the South Dormitory in 1897, and the Steam Plant was constructed in 1889.

The Franklin Professorship of the Greek Language and Literature was acquired by the College in 1850, it representing the Lutheran interest in Franklin College at Lancaster. In 1880 the German Professorship endowment came into the actual possession of the College, it having been held for twenty-six years previously by the Ministerium of Pennsylvania, whose privilege it was to nominate the incumbent. The Graeff Professorship of English Language and Literature, was established in 1864 by Rev. John E. Graeff, class of '43, for many years an honored member of the College Board. Also in 1864, the Messrs. A. F. and Geo. P. Ockershausen, of New York City, endowed a chair of Physical Sciences, now known as the Ockershausen Professorship of Chemistry and Mineralogy. In 1868, through a bequest from Davis Pearson, Esq., of Philadelphia, a chair was endowed, now known as the Pearson Professorship of the Latin Language and Literature. The Dr. Chas. H. Graff Professorship of Physical Culture and Hygiene,—now Biology and Hygiene,—was established in 1891 by Mr. Peter Graff, of Worthington, Pa., in memory of his deceased son. The William Bittering Professorship of Intellectual and Moral Science, was endowed from a bequest left in 1888, by Mr. William Bittering, of Abbottstown, Pa. In 1892, Mr. James Strong, of Philadelphia, at present, and for a number of years past, a member of the College Board, established a memorial endowment to his deceased wife—The Amanda Rupert Strong Professorship of the English Bible and Chaplaincy. In 1903, the title of the Alumni Professorship of Mathematics and Astronomy was authorized by the Board,—the endowment representing, in part, contributions made by the alumni, at different times, beginning as far back as 1858.

From 1832 to 1907 is a long call, and though the course of

the College has been hedged about by financial limitations, yet great gains have been made. At its beginning the College plant had an insignificant value,—now the property is worth \$400,000; then, there was no endowment,—now, there are invested funds of over \$200,000; then, a good-sized town lot comprised the campus,—now it covers an area of forty-three acres; then, the College was housed in one building,—now, nine buildings are devoted to strictly college uses; then, it had a Faculty numbering six,—now, it has a teaching force of seventeen; then, it had sixty-three students, mostly preparatorians,—now, it has a student body of two hundred and ninety.

A history couched in statistical terms, may not “read like a novel,” but the statements here made should be sufficient to force the conviction that Pennsylvania College is an important educational plant, that it has done a great work in the past, and that it is capable of far greater achievements in the future.

COURSES OF STUDY.

The College offers the following courses :

- I. A Classical course leading to the degree of A.B.
- II. A Scientific course leading to the degree of B.S.
- III. Select courses without reference to a degree.

TERMS OF ADMISSION.

Entrance examinations are held on Monday and Tuesday before Commencement and on Thursday, the day of opening, in September. While there may be examinations at other times, all applicants are urged to present themselves on the days appointed. Students from the Preparatory Department are admitted to the Freshman class upon the recommendation of the Principal without further examination. Applicants recommended by approved Academies and High Schools as having mastered the required preparatory studies are admitted on an extended trial, without a formal examination. *Women are admitted to all departments as day scholars.*

CLASSICAL COURSE.

Candidates for the Freshman class are subject to examination in the following books or their equivalents :

LATIN.—Latin Grammar: three books of Cæsar's Gallic War; three books of Virgil's *Æneid*; three orations of Cicero.

GREEK.—Greek Grammar complete; three books of the *Anabasis*; Jones' Prose Composition complete.

MATHEMATICS.—Arithmetic complete, including the Metric System; Elementary Algebra (Wells' Academic, through Quadratics, Robinson's complete, or Wentworth's to Chapter

XVIII); Geometry, three books of Wentworth's or Phillips and Fisher's, or the equivalent in other authors.

ENGLISH.—In English the following books, recommended by the Association of Colleges and Preparatory Schools of the Middle States and Maryland, will be required.

(a.) Reasonable familiarity with the substance of the work:

For 1907 and 1908: Shakespeare's *Macbeth* and *Merchant of Venice*; Addison's *Sir Roger de Coverley Papers*; Irving's *Life of Goldsmith*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe* and *Lady of the Lake*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine* and *Passing of Arthur*; Lowell's *Vision of Sir Launfal*; George Elliot's *Silas Marner*.

(b.) More careful and specific study:

For 1907 and 1908: Shakespeare's *Julius Caesar*; Milton's *Lycidas* *Comus*, *L'Allegro* and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Addison* and *Life of Johnson*.

The candidate will be required to present evidence of a general knowledge of the subject matter and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics designed to test the candidate's power of clear and accurate expression and will call for only a general knowledge of the substance of the books. Questions involving the essentials of English Grammar and the fundamental principles of Rhetoric will be part of the examination.

No candidate will be accepted in English whose work is notably deficient in spelling, punctuation, idiom, or division into paragraphs.

GEOGRAPHY AND HISTORY.—Modern Political Geography; History of the United States (the equivalent of Sheldon's); Essentials of Greek and Roman History.

SCIENTIFIC COURSE.

Candidates for the Freshman class of the Scientific Course are subject to the same examination as for the Classical Course with the omission of the Greek. For this omission may be substituted one of the following:

I: PHYSIOGRAPHY. — (Elementary Physical Geography), BOTANY (Elements of systematic and structural departments), or ELEMENTARY PHYSICS.

II. HISTORY.—Histories of England and France (Montgomery is recommended).

SELECT COURSES.

Students not candidates for a degree are admitted to the privileges of the College and allowed to take special undergraduate studies, selected with the approval of the Faculty in such a manner as to secure the full and profitable employment of their time. Such special students undergo the examination necessary to ascertain their fitness for the proposed courses.

A candidate for advanced standing, in addition to the foregoing studies, is examined in the various books which the class he proposes to enter has studied.

An accurate and thorough acquaintance with the studies required for admission is indispensable, in order to receive the full advantage of the college course. Students imperfectly prepared for the class they enter are embarrassed in their future progress and are seldom able to make up their deficiency.

No one is admitted to the Senior class after the beginning of the second term.

TESTIMONIALS.—Satisfactory testimonials of good moral character are required, and students from other institutions must bring certificates of regular and honorable dismissal.

SUPERVISION AND DEVOTIONAL EXERCISES.

The President and the Dean, residing on the Campus, have special supervision of the buildings and are at all times easily accessible to the students. The College seeks to secure the co-operation of each individual student in the preservation of good order and the attainment of a high standard of scholarship and manly conduct.

Prayers, with reading of the Scriptures and singing, conducted by the President or Chaplain, are attended daily at 7.40 A. M., on week days, in Brua Chapel. At 10.30 A. M. on Sunday all the students are required to attend public worship in the College Church, or in such other place of worship as their parents or guardians may designate by written request. Catechetical instruction is provided for those who desire it, and students are welcomed to other religious services in the churches of the town.

The Young Men's Christian Association of the College is an active agent in promoting religious interest among the students. Regular and special meetings for prayer are conducted by the members and classes for Bible study are formed. An annual course of lectures and musical entertainments under the same auspices adds much to the social enjoyment and culture of the college community.

INSTRUCTION.

In the undergraduate courses each candidate for a degree must have sixteen exercises a week of required or elective work in recitations, lectures, or laboratory periods, besides the gymnasium periods. Usually there are three exercises each day except Saturday, when there is commonly only one. Laboratory, drawing and surveying periods are each two and a half hours. A gymnasium period is one hour. A student in any of the special courses must have not less than eleven exercises a week.

RULES FOR THE CHOICE OF ELECTIVES.

1. No student shall be allowed to pursue any elective study unless the instructor in the same is satisfied that the student is prepared to pursue said study.

2. The choice of electives shall be made at the beginning of the year, and no change shall be allowed during the year.

The follow schedule presents a general view of the studies and hours of the various classes:

SCHEDULE FOR THE CLASSICAL COURSE.

CLASS	H'RS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9 10 or 11	Greek. Elocution.	Latin. Mathematics.	Greek. Mathematics.	Latin. Mathematics.	Greek. Mathematics.	Latin.
	2 or 3	French.	History.	French.	History.	Bible.	
SOPHOMORE	8 or 9 10 or 11	Latin. German.	Greek. English.	Latin. English.	Greek. German. $\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Latin. English. Mathematics.	Greek.
	2 or 3	Mathematics.	Bible.	Mathematics.			
JUNIOR.	8 or 9	English.	German.	Psychology.	Psychology.	English.	German.
	10 or 11	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ 3 Physics.	$\left\{ \begin{array}{l} 1 \text{ Latin.} \\ 2 \text{ Latin.} \\ 3 \text{ Latin.} \end{array} \right.$ 3 Bible.	$\left\{ \begin{array}{l} 1 \text{ Greek.} \\ 2 \text{ Greek.} \\ 3 \text{ Bible.} \end{array} \right.$ Biology.	$\left\{ \begin{array}{l} 1 \text{ Latin.} \\ 2 \text{ Latin.} \\ 3 \text{ Bible.} \end{array} \right.$	$\left\{ \begin{array}{l} 1 \text{ Greek.} \\ 2 \text{ Greek.} \\ 3 \text{ Bible.} \end{array} \right.$ Biology.	
SENIOR	1 to 3	Chemistry or French.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$ 3 Physics.	Chemistry or French.	$\left\{ \begin{array}{l} 1 \text{ Math.} \\ 2 \text{ Chemistry.} \\ 3 \text{ Biology.} \end{array} \right.$ 3 Physics.	Chemistry or French.	
	8 or 9	$\left\{ \begin{array}{l} 1 \text{ Astronomy} \\ 2 \text{ Theism.} \\ 3 \text{ Theism.} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} 1 \text{ Astronomy.} \\ 2 \text{ Theism.} \\ 3 \text{ Theism.} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} 1 \text{ Astronomy.} \\ 2 \text{ Theism.} \\ 3 \text{ Theism.} \end{array} \right.$	Pol. Science. Chemistry (9). Bible (9).
	10 or 11	$\left\{ \begin{array}{l} 1 \text{ Physics.} \\ 2 \text{ Geology.} \\ 3 \text{ Geology.} \end{array} \right.$	$\left\{ \begin{array}{l} 1 \text{ Physics.} \\ 2 \text{ Geology.} \\ 3 \text{ Geology.} \end{array} \right.$	$\left\{ \begin{array}{l} 1 \text{ Evid. Christ.} \\ 2 \text{ Ethics.} \\ 3 \text{ Ethics.} \end{array} \right.$	$\left\{ \begin{array}{l} 1 \text{ Evid. Christ.} \\ 2 \text{ Ethics.} \\ 3 \text{ Ethics.} \end{array} \right.$	$\left\{ \begin{array}{l} 1 \text{ Physics.} \\ 2 \text{ Geology.} \\ 3 \text{ Geology.} \end{array} \right.$	Biology.
	1 2 3 1 to 3	History. Pol. Science. Santi. Science. Chemistry. Philosophy.	History. Greek. Biology. Mineralogy.	German. Latin. Chemistry. Philosophy.	History. Greek. Biology. Mineralogy.	German. Latin. Chemistry. Philosophy.	

Astronomy, one hour a week Observatory (night) work.
Math. Problems, two periods a week at convenience.

Italics indicate Elective Studies.
 Numerals, 1, 2 and 3, before a subject, indicate the term during which the subject is studied.

SCHEDULE FOR THE SCIENTIFIC COURSE.

CLASS	HR'S.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
FRESHMAN	8 or 9	Chemistry.	Latin.	Chemistry.	Latin.	Chemistry.	Latin.
	10 or 11	Elocution.	Mathematics.	Mathematics.	Mathematics.	Mathematics.	
	2 or 3	French.	History.	French.	History.	Bible.	
SOPHOMORE	8 or 9	Latin.	Chemistry.	Latin.	Chemistry.	Latin.	Mech. Draw.
	10 or 11	German.	English.	English.	German	English.	
	2 or 3	Mathematics.	Bible.	Mathematics.	$\frac{1}{2}$ Elocution. $\frac{1}{2}$ Botany.	Mathematics.	
JUNIOR.	8 or 9	English.	Surveying.	Psychology.	Psychology.	English.	German.
	10 or 11	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	German.	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	Surveying (9)	$\left\{ \begin{array}{l} \text{Chemistry.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	
	1 to 3	Chemistry or French.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry} \\ \text{Biology.} \end{array} \right.$	Chemistry or French.	$\left\{ \begin{array}{l} \text{Math.} \\ \text{English.} \\ \text{Chemistry.} \\ \text{Biology.} \end{array} \right.$	Chemistry or French.	
SENIOR.	8 or 9	$\left\{ \begin{array}{l} \text{Astronomy} \\ \text{Theism.} \end{array} \right.$	Pol. Science	$\left\{ \begin{array}{l} \text{Astronomy} \\ \text{Theism} \end{array} \right.$	Pol. Science.	$\left\{ \begin{array}{l} \text{Astronomy.} \\ \text{Theism.} \end{array} \right.$	Pol. Science. Chemistry (9). Bible (9).
	10 or 11	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Physics} \\ \text{Geology.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Evid. Christ.} \\ \text{Ethics.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Evid. Christ.} \\ \text{Ethics.} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Physics.} \\ \text{Geology.} \end{array} \right.$	Biology.
	1 to 3	History Pol. Science. Santit. Science. Chemistry Philosophy	History. Biology. Mineralogy	German. Chemistry. Philosophy.	History. Biology. Mineralogy.	German. Chemistry. Philosophy.	

Astronomy one hour a week Observatory (night) work.
Math. Problems, two periods a week at convenience.

Italics indicate Elective Studies.

Nos 1, 2 and 3 before a subject, indicate the term during which the subject is studied.

DEPARTMENTS OF INSTRUCTION.

PHILOSOPHY.

Professors HIMES, EVJEN and GRIMM and Mr. SANDERS.

1. *Psychology.* The functions of the human mind are explained as they manifest themselves in experience. The history of the progress in Psychology—especially the rapid strides in recent years—is dwelt upon sufficiently to show the relation of present-day Psychology to that of the past. The student is instructed in methods of careful introspection by reference to the methods and best results of the most recent experimental investigation. James' Text Book used as basis of instruction.

Junior required course. Two hours a week throughout the year.

MR. SANDERS.

2. *Logic.* Jevons' Lessons in Logic. The analysis of arguments, their reduction to syllogistic form and the detection of common fallacies are the practical results aimed at in the study.

Junior required course. Two hours a week during the second term.

PROFESSOR HIMES.

3. *Ethics.* The aim is to have the student think through to solution the problems arising from the study of man as an ethical being. The psychological basis, the metaphysical implications,—personality, Freedom, God—and the practical application of theories are carefully studied.

Seth's Ethical Principles, Valentine's Theoretical Ethics and Paulsen's System of Ethics, are studied, following outline references.

Senior required course. Two hours a week during latter half of year.

MR. SANDERS.

4. *Rational Theism.* The traditional arguments for the theistic world-view are studied along with the grounds upon which theism is tenable in present-day thought. The student is shown how to hold the theistic view in the world in which he lives.

Lectures, and Valentine's Rational Theism.

Senior required course. Three hours a week during first term.

MR. SANDERS.

5. *Christian Evidence.* Fisher's Theistic and Christian Belief. While opposing theories are duly considered, the argument for Christianity from Miracles is accepted and defended. This argument is supported by others derived from various sources, such as the fulfillment of Proph-

ecy, the adaptedness of Christianity to the needs of human nature, the superiority of Christian Doctrine, and the benevolent fruits of the religion of Christ.

Senior required course. Two hours a week, the first half of the year.

Professor EVJEN.

6. *Course in Philosophy.* This comprises a connected study of History of Philosophy, Introduction to Philosophy, and Outlines of Metaphysics. The historical survey is made rapidly, with a view to a foundation for the understanding of present-day thought as presented in Introduction. With this knowledge of the problems with which philosophy has to deal, the student is introduced into the realm of pure philosophy in a brief outline of Metaphysics.

Text books forming basis of study:

Rogers, Student's History of Philosophy

Kulpe, Introduction to Philosophy.

Mackenzie, Outlines of Metaphysics.

Senior elective. Three hours a week throughout the year.

Mr. SANDERS.

7. *Æsthetics.* Outline study of the leading periods and the general features of the various fine arts, with discussion of the principal æsthetic problems. Illustrated by photographs and other reproductions. Van Dyke, College Histories of Art; G. B. Brown, The Fine Arts; Knight, the Philosophy of the Beautiful, Part II.

Elective for Seniors. One hour a week throughout the year.

Professor GRIMM

MATHEMATICS AND ASTRONOMY.

Professor NIXON.

1. *Geometry.* Plane (books fourth and fifth), solid and spherical. (Wentworth.)

Freshman required course. Four hours a week the first term and one-third of the second term.

2. *Algebra.* Series; undetermined coefficients; binominal theorem; logarithms; determinants; theory of equations. (Wells.)

Freshman required course. Four hours a week during two-thirds of the second, and one-half of the third term.

3. *Trigonometry.* Trigonometric functions; right triangle; isosceles triangle; regular polygon; goniometry. (Wentworth.)

Freshman required course. Four hours a week, the last half of the third term.

4. *Trigonometry*. Oblique triangle; right spherical triangle; oblique spherical triangle; application of spherical trigonometry to the solution of astronomical and other problems. (Wentworth.)

Sophomore required course. Three hours a week, the first term.

5. *Plane Analytic Geometry*. Rectilinear, oblique and polar systems; relation between the rectilinear and polar systems; equations of the straight line; properties of rectilinear figures; circle; ellipse; hyperbola; tangents and normals; loci of the first and second order; higher plane loci; transcendental curves. (Smith and Gale.)

Sophomore required course. Three hours a week during the second term and two-thirds of the third term.

6. *Surveying*. Practical use of instruments—compass, transit and level; plotting; computing areas; making profiles. (Wentworth.)

Sophomore required course. Three hours a week, the last third of the third term.

7. *Mechanical Drawing*. Geometrical construction; transcendental curves; section of the cone showing the ellipse, hyperbola and parabola; cylinders penetrating each other and the development of the same; isometric projections of solids; perspective.

Sophomore (Scientific) required course. One period a week during the year.

8. *Field Work in Surveying*. Use of the transit and level; rectangular surveying and use of transverse tables; triangulations; laying out curves; avoiding obstructions; leveling and setting grade stakes. (Carrhart.)

Junior (Scientific) required course. Two hours a week during the first term and one-half of the third term.

9. *Mechanics (Statics)*. Composition and resolution of forces; parallel forces; equilibrium of a rigid body acted on by three forces in a plane; centre of gravity; machines; work. (Loney.)

Junior (Scientific) required course. Two hours a week during the second term and half of the third term.

10. *Differential Calculus*. Differentiating expansion of series; maxima and minima; indeterminate forms; tangents and normals; asymptotes and singular points; theory of envelopes; radius of curvature; evolutes and involutes. (Granville.)

Junior elective course. Three hours a week, the first term.

11. *Integral Calculus*. Integration; definite integrals; successive in-

tegration; rectification of curves; quadrature of plane figures; cubature of volumes. (Granville.)

Junior elective course. Two hours a week, third term.

12. *Calculus*. Special topics.

Junior elective course. Three hours a week, third term.

13. *Astronomy*. The subject as treated by Young; different authors reviewed by members of the class. The students of this course have access to the Observatory, which is equipped with a chronometer, sextant, transit and equatorial.

Senior required course. Three hours a week during the first and second terms.

14. *Practical Astronomy*. The instruments used, besides the time-pieces, are the sextant, transit and equatorial. Determination of time, latitude and longitude; measurements of the diameters of planets and the distances of their satellites; measurements of the heights of mountains on the moon; measurements of double stars; calculation of eclipses; calculation of sunrise and sunset.

Senior elective course. One hour a week during the year.

15. *Mathematics*. Analytical Geometry of three dimensions; differential equations; Mechanics.

Senior elective course. Two hours a week during the year.

GREEK.

Professors KLINGER and EVJEN.

1. **THE ORATORS.** *Antiphon, Lysias and Isacus*. Representative selections are read and compared with distinct reference to the development of prose style. The abundant allusions in them to early Athenian life are made the basis for studies in Greek antiquities of the historic period. Blackboard drill in forms, the explanation of case, mood and tense uses and the study of words are features of the recitation. Lectures on the conditions under which prose-writing originated and developed are given at stated periods. Prose composition, based on the text, twice each week.

Freshman (Classical) required course. Three hours a week, first and second terms.

2. **THE HISTORIANS.** *Thucydides*. Selections from the Peloponnesian War. The study of the text continues the syntactical analysis, the drill in forms, and the study of words in accordance with the principles of word-formation. Special attention is given to the subject

matter, and the stirring times preceding the overthrow of the Athenian supremacy are depicted. Prose composition as before.

Freshman (Classical) required course. Three hours a week, third term.

Herodotus. Portions of the Persian War are read rapidly with particular attention to the subject-matter. The importance of the period calls for a review of history, and readings are assigned in Grote and other historians to be reported on by the students. The course comprehends lectures on the Greek dialects and advanced studies in the history of case, mood and tense development. Prose composition as before.

Sophomore (Classical) required course. Three hours a week, first term.

3. EPIC POETRY. *Homer*. The *Iliad* (Full text required.) The study of the text is preceded by a course of dictated lectures which aim at setting forth the Homeric question in its latest phase. The *Iliad* is then interpreted as a piece of literature in harmony with the conclusion of the latest Homeric scholars. Special study is made of the epithets, and by frequent word-reviews from the blackboard an attempt is made to fix the vocabulary. Each student is required with the aid of Gehring's Index to develop one or more subjects in Homeric antiquities.

Sophomore (Classical) required course. Three hours a week, second and third terms.

4. THE ATTIC DRAMA. *Æschylus* and *Sophocles*. The entire Junior year is devoted to the study of the Attic Drama. The course contemplates by means of lectures and assigned readings a complete survey of ancient Tragedy and Comedy in their origin and development, and their relation to the modern stage. Lectures on the Greek Theatre precede the study of the text.

Junior (Classical) required course. Two hours a week for two terms.

Euripides or *Aristophanes*. The students are permitted to choose between these authors.

Junior elective course. Two hours a week, third term.

5. *Demosthenes*, *De Corona*. The study includes the age. The decadence of the Hellenic spirit, as shown in civic life, literature, and art, is traced with the class. The course is intended to include, as far as possible, a survey of Greek civilization.

Senior elective course. Two hours a week during one term.

6. *Plato* and *Pre-Socratic Thought*. The Protagoras and the Phædo are the texts studied. The leading doctrines of Plato are analyzed and

their relation to modern thought is pointed out. A parallel course of lectures in Pre-Socratic Thought, based on the fragments found in Ritter & Preller's *Historia*, is given.

Senior elective course. Two hours a week, during second term.

7. *The Lyric Poets*. Tyler's "Selections." The course comprehends, along with the interpretation of the poems, the origin and development of lyric poetry and its relation to Greek literature in general.

Senior elective course. Two hours a week, third term.

8. *Hellenistic Greek*. See Biblical Department.

LATIN.

Professor BIKLE.

Allen and Greenough's Latin Grammar and Harper's Latin Dictionary are recommended. The Roman method of pronounciation is used.

1. *Livy*. Selections from book I, and the Hannibalian War in Books XXI and XXII. Special attention is given to syntax and Livy's peculiarities of style. Roman History down to 200 B. C. is studied with care.

Freshman required course. Three times a week during the first term.

2. *Horace*. Odes, including a critical interpretation, and with special attention to Latin Prosody and the mythological and historical allusions of the text. Berens' Hand-book of Mythology is recommended.

Freshman required course. Three hours a week, second term.

During one or more terms of the Freshman year in connection with the reading of the Latin text, there will be drill in Latin Prose Composition, embracing a rapid review of Latin syntax, with oral and written practice in the principles involved.

3. *Cicero*. De Senectute, or De Amicitia. Drill in syntax, especially of the Latin subjunctive mode. Training, also, in reading Latin with expression.

Freshman required course. Three hours a week, third term.

4. *Tacitus*. Annals or Agricola. A study of the history of the times along with the reading of the text.

Sophomore required course. Three hours a week, first term

5. *Horace*. Satires and Ars Poetica. After reading some selected satires, the Ars Poetica is read and each student is required to prepare in writing an analysis of the poem.

Sophomore required course. Three hours a week, second term.

6. *Cicero* and *Pliny*. Letters, with numerous exercises in sight reading.

Sophomore required course. Three hours a week, third term.

7. *Quintilian*. Tenth Book. With summary and classification of the Greek and Roman authors. Informal lectures on Roman literature.

Junior (Classical) required course. Two hours a week, first term.

8. *Juvenal*. Satires. With full explanations, and study of the private and social life of the Romans, followed by a short course in Roman Antiquities.

Junior (Classical) course, required the second term, elective the third. Two hours a week, both terms.

9. *Terence* or *Plautus*. The *Andria* of Terence or *Captivi* of Plautus. The *Dramatis Personae* are assigned to special members of the class and the parts rendered both in Latin and in English.

Senior elective course. Two hours a week, third term.

10. *Latin Literature*. A course of lectures embracing a general survey of the whole field, and aiming to trace the rise and subsequent development of the various kinds of prose and verse among the Romans, and to portray the several periods of the literature in the light of the changing conditions under which the development took place; or

Roman History. A course of lectures covering the period from 200 B. C. to 200 A. D.

Senior elective course. Two hours a week for eight weeks, second term.

ENGLISH.

Professors HIMES, KLINGER and DRYDEN and Mr. SANDERS.

1. *Rhetoric*. Genung's Working Principles of Rhetoric. The rules of the text-book are impressed by requiring each student to furnish illustrations of them from his own reading in everyday literature. The inventive faculty is trained by the assignment of themes to be thought upon in the class-room. The results are then compared, discussed and arranged within the recitation hour. Descriptive, narrative, expository and argumentative themes are also assigned in turn for the weekly exercises in composition.

Sophomore required course. Three hours a week, first term.

2. *English and American Literature.* A rapid survey of the field with the aid of a text-book.

Sophomore required course. Three hours a week, third term.

3. *Shakespeare.* Five or six plays are studied, the principal characters are analyzed and the most important and suggestive passages are read and interpreted before the class. The writing of dialogue is practiced.

Junior required course. Two hours a week, first term.

4. *Milton.* Four or five books of the *Paradise Lost* are studied; the views of many commentators are examined and compared; Milton's conception of the material and spiritual universe is set forth and elucidated.

Junior required course. Two hours a week, third term.

5. *Anglo-Saxon.* The translation of easy prose is begun at the second or third recitation in this subject and sight reading is undertaken after four or five weeks. About five hundred lines of the poetry of Beowulf or Cædmon and other writings are read in the latter half of the term. Comparative Philology receives considerable attention in connection with this subject.

Junior elective course. Three hours a week, first term.

6. *Middle English.* Chaucer, or Old English Ballads. This study is intended to acquaint the student with the old forms of English. Connected with the recitations are brief talks on the structure, classification and development of languages and especially on word building.

Junior elective course. Three hours a week for six weeks, second term.

7. *Tennyson or Browning.* A number of the more important poems are read, the plan and the development of the thought are traced, and obscure expressions interpreted.

Junior elective course. Three hours a week for six weeks, second term.

I-7 Professor HIMES.

8. *Essays.* Two essays each term are submitted for examination and criticism. Special care is taken to secure originality of work, as well as clearness of thought and grace of diction. In order to cultivate a ready faculty in composition, exercises in impromptu essay writing are practiced at stated times.

Required course for the three terms of Freshman year.

Professor KLINGER.

9. *Essays.* At first, effort is directed towards securing originality of expression by the assignment of easy and familiar subjects on which to practice the rhetorical qualities of style. The written work, in ex-

emplification of the principles enunciated in the class-room, embraces from two to three themes each month. These are corrected, commented upon, and returned to the students.

Later in the course more difficult subjects are given, requiring reading and consultation before the preparation of expositions and arguments. A review of the prose forms of composition, with an explanation of the essentials of poetry and English versification, closes the work of the Sophomore year, one hour a week required.

Professor DRYDEN

10. *Elocution*. Elementary vocal exercises, practice in articulation, position, gesture, etc. Declamation and reading.

Freshman and Sophomore required course, one hour a week throughout year.

Mr. SANDERS.

11. *Writing and Speaking*. The preparation of declamations, essays, orations and debates is continued from the beginning of the Junior onward to the end of the Senior year. Sometimes a subject is assigned to each member of the class with the requirement to present a discussion in outline, then amplified. To secure greater carefulness on the part of the student, the written work is commonly read privately and criticised by the instructor.

Professor HIMES.

FRENCH.

Professor DRYDEN.

FRENCH. 1st year. Fraser and Squair's French Grammar, Part I., with exercises and drills on pronunciation and idioms, is completed during the first two terms. The third term is devoted to rapid sight reading, to composition with syntactical grammatical references, and to translations from Aldrich and Foster's French Reader, paying special attention to learning the irregular verbs.

Scientific Freshman required course, two hours a week throughout the year, elective for Classical Freshmen.

FRENCH. 2d year. This class completes Fraser and Squair's Grammar, Part II., with all the exercises and special drills in syntax, and reads during first term, Hugo's *La Chute*; second term, Moliere's *Le Bourgeois Gentilhomme*, and third term, Dumas' *Les Trois Mousquetaires*. Talks on the contemporary prose writers are given from time to time, and a comparison is made with the literature of other nations.

Elective, three hours a week, throughout the year.

FRENCH. 3d year. Supplementary to the advanced written composi-

tion. Betis and Swan's *Les Faits de la Vie* is used for oral practice, thus bringing the student as closely as possible to the every-day affairs of life in France.

Syntax is reviewed and idioms practiced with a rapid sight reading of the language as found in Abent's *La Mire de la Marquise* and *La Fille du Chanoin*. Then follows the translation with grammatical and literary interpretation of selections from the works of Hugo, Voltaire, Moliere, La Fontaine, Halivy, Dumas, Daudet, Guy de Maupassant, Beaumarchais and Balzac, with a comparison of the lives of the authors and a study of the periods of French Literature.

Elective, three hours a week throughout the year.

GERMAN.

Professor GRIMM.

1. *Elementary German*. Vos. *Essentials of German*; Wennekebach-Muller, *Gluck Auf*; Seidel. *Aus goldenen Tagen*. Easy conversation, based on the texts read.

Elective for Freshmen of the Classical Course, required of all Sophomores who did not absolve the course during their Freshman year. Two hours a week throughout the year.

2. *Syntax, Prose Composition, Conversation, Prose Readings, Easy Dramatic Poetry, Lyrics and Ballads*. Thomas. *Practical German Grammar*; Riehl, *Der stumme Ratsherr*; Hoffman. *Historische Erzählungen*; Fulda, *Unter vier Augen*; Hatfield. *Lyrics and Ballads*; Vos. *Materials for German Conversation*. Private reading is required.

Junior required course; elective for Sophomores who have absolved Course 1. Two hours a week throughout the year.

3. *Epic Poetry, Classical Drama, Germany and the Germans*. Goethe, Hermann and Dorothea; Schiller. *Wilhelm Tell*; Schweitzer, *Deutschland in Wort und Bild, Land und Leute*. Private Reading from German Prose.

Elective for all students who have absolved Course 2. Two hours a week throughout the year.

4. *History of the German Language and Literature*. Lectures, supplemented by readings from representative authors. Advanced Composition and Conversation on the basis of Kron's *German Daily Life*. During the third term selections from essays on literary, historical or scientific subjects are read. Private Reading is required.

Senior elective course. Two hours a week throughout the year.

Opportunity for more extended German conversation and discussions

referring to German life, literature and culture is given to Juniors and Seniors in a voluntary Deutscher Verein.

5. *General Comparative Philology and Ethnology.* A lecture-course dealing with the linguistic Ethnology of the Indo-Germanic and Semitic peoples. The divisions, inter-relations, common characteristics, and original home of the Indo-Germanic and Semitic peoples respectively are pointed out and discussed, and the languages, literatures and religions of the individual peoples of the two families are sketched, special attention being given to the Germanic group.

Elective for Seniors. One hour a week throughout the year.

HISTORY, POLITICAL SCIENCE AND LAW.

Professors HIMES, BIKLE, DRYDEN and EVJEN and Messrs. BIKLE and HUTTON.

1. *European History.* Harding's Essentials and Myers' Mediaeval and Modern History are the text-books recommended. Collateral reading on suggested and assigned topics is pursued in connection with preparation for the recitation and students are encouraged to investigate, as much as possible, the facts set forth in the texts.

Freshman required course, two hours a week throughout the year.

Professor DRYDEN

2. *American Political History.* Johnston's American Politics, with references to Von Holst's Constitutional History, Schouler's History of the United States (1783-1865), Blaine's Twenty Years in Congress (1861-1881), McPherson's Hand-book.

Sophomore required course. Three hours a week, second term.

3. *Political Economy.* Seager's Introduction to Economics. The theories of the text-book are brought, as often as possible, to the test of the student's personal observation and the true nature of the science is thus impressed. Problems for investigation are assigned to the members of the class, with direction to inquire into actual industrial and social conditions and operations.

Senior required course. Three hours a week for twelve weeks of the first term.

4. *Lectures on Money and Banking.* Theories of money and credit are examined in connection with a rapid survey of the monetary history of the United States. Particular attention is given to present conditions and tendencies.

Senior required course. Ten or twelve hours.

5. *International Law.* Lawrence's International Law. Occasional

lectures on special topics, such as the prominent features in American diplomacy.

Senior required course. Three hours a week for the last twenty weeks of the year. ;

6. *Science of Government*. Bryce's American Commonwealth is used as a text-book. Free criticism of the author's views is encouraged; National and State constitutions are examined. The annual Presidential Message is studied and discussed.

Senior elective course. One hour a week, throughout the year. [Omitted in 1906-7.] 2-6 Professor HIMES

7. *Roman Law*. Morey's Outlines. After a careful study of the text-book, an essay is required from each member of the class on a subject assigned for special investigation.

Senior elective course. Two hours a week during the first term.

Professor BIKLE

8. *Modern European History*.

Senior and Junior elective course. Three hours a week throughout the year.

During the first and second terms two hours a week are given to the Period of the Reformation, 1517-1648. Text-book: Fisher's "The Reformation," revised edition of 1906. During the third term, two hours a week, the history of the nineteenth century is studied. Text-book: Seignobos' "Political History of Europe."

Throughout the year, one hour a week is given to the study of historical methods and philosophy of history. This course embraces search for documents, "auxiliary sciences," textual criticism, critical investigation of authorship, classification of sources, interpretative criticism, grouping of facts, constructive reasoning, exposition. Text-books: Langlois & Seignobos' "Introduction to the Study of History," and Bernheim, "Einleitung in die Geschichtswissenschaft." The texts for criticism are in Latin, being selected from "Monumenta Germaniae historica."

The Juniors who by reason of conflicting hours cannot complete this course in the third term, may, as Seniors, complete it in the third term, the year following.

The Seniors may pursue the entire course uninterrupted.

Professor EVJEN

9. *Constitutional Law*. Four lectures on the Constitution of the United States, including a discussion of the American Doctrine of Constitutional Law, and a consideration of the commerce clause, of the clause forbidding the impairment by the States of the obligation of

contracts, and of the guaranties of personal liberty and equality contained in the Fourteenth Amendment.

Senior course, third term.

Mr. H. W. BIKLE

10. *Talks on Law.* Six lectures on domestic relations, decedents' estates, insurance and commercial law and finally those phases of the law with which every citizen sooner or later in life has some experience.

Senior course, third term.

Mr. A. J. W. HUTTON

CHEMISTRY.

Professor BREIDENBAUGH, Mr. STOVER and Mr. COBAUGH.

1. *Elementary Inorganic Chemistry.* Lectures, laboratory work, quizzes and examinations. The student is expected, in addition to the outline of work provided, to have some approved reference book on Chemistry. This course covers the general principles of Chemistry with a study of the elements and their compounds. A practical review is given at the end of the year, determining compounds by their properties.

Junior (Classical) required course. Three periods a week throughout the year.

2. *Elementary Inorganic Chemistry.* Lectures, laboratory work and quizzes.

Freshman (Scientific) required course. Three periods a week throughout the year.

3. *Qualitative Analysis.* Lectures and quizzes on reactions and methods accompany the laboratory work.

Required (Scientific) course. Two periods a week throughout the Sophomore and five periods the first term of Junior.

4. *Quantitative Analysis.* The first term is occupied with determinations of definite compounds, the second with mineral analysis.

Junior (Scientific) required course. Five periods a week during the second and third terms.

5. *Organic Chemistry.* Lectures, text-book work and quizzes illustrated in the laboratory.

Junior (Scientific) elective course. Three periods a week during the first and second terms. Also open as an elective to Seniors in the Classical course.

6. *Qualitative Analysis.* Similar to course 3.

Senior (Classical) elective course. Two to four periods a week throughout the year.

7. *Special Analytical Methods.* Water, milk, sugar, minerals, rocks, etc.

Senior (Scientific) elective course. Two to four periods a week throughout the year.

GEOLOGY AND MINERALOGY.

Professor BREIDENBAUGH

1. *Geology.* Lectures, with reading references, principally to the works of Dana and Le Conte, accompanied by quizzes and topical examinations. Each student is required to write at least one paper illustrating, from his own observations, the principles of inorganic Geology.

Senior required course. Three hours a week during the second and third terms.

2. *Mineralogy.* The crystal form and physical properties of minerals are studied by means of the mineralogical collection. Afterwards each student is required to determine at least one hundred minerals by their blowpipe characteristics. This is followed by a brief course in Lithology and topographical Geology.

Senior elective course. Two periods a week throughout the year.

Physics. The principal facts in the various topics are discussed by lectures and reading references, with quizzes, examinations and the preparation of papers in which the student illustrates from familiar examples the subjects presented in the class room.

Required course. Three hours a week during the third term of Junior and the first term of Senior.

Botany. Class and field work in Systematic Botany. Each student is required to determine and mount specimens of at least fifty species of Phaenogams.

Sophomore required course. One period a week during the second half of the year.

BIOLOGY.

Professor STAHLEY.

The biological branches included in this course, are given as electives, during the Junior and Senior years. The Junior work is a *general culture course*, and is calculated to give the student a general understanding of current biological questions; it is offered to both Seniors and Juniors at the same time. The regular Senior work is more medical in its cast, and in conjunction with the Junior work, provides an admirable preliminary preparation for the study of Medicine.

The work is carried on by lectures, demonstrations, dissections, draw-

ings, quizzes and frequent written examinations. There are two well-lighted laboratories, provided with all needed instruments and apparatus, such as microscopes, microtomes, paraffine bath, incubator, etc. The branches are pursued in the following order:

JUNIOR YEAR.

1. *General Biology*. Three periods a week for ten weeks. This branch acquaints the student with microscopic technique and general laboratory methods, whilst he studies selected types of plants and animals, taken from the lower forms of life, as these are best adapted to demonstrate essential characteristics. The purpose is to ascertain fundamental facts of structure and life processes, with the significant relationships in the two great kingdoms of organic nature.

2. *Invertebrate Zoology*. Three periods a week for eight weeks. Representative types in this great group of animals are dissected. The basal plans in organization, with the varying modifications in form and function, are made subjects of practical study.

3. *Vertebrate Zoology*. Three periods a week for eight weeks, followed by two periods a week for ten weeks.

Fundamental vertebrate features of structure and function are carefully considered, whilst dissecting type forms, beginning with the lowest vertebrates known, and proceeding through the various classes, culminating with the Mammals; the latter class claiming special attention. Questions relating to comparative morphology and physiology of vertebrate animals are freely discussed.

SENIOR YEAR.

4. *Human Anatomy and Physiology*. Three periods a week for nineteen weeks.

Special attention is given to osteology, joints, ligaments and muscles. Tramond's preparations, consisting of real bony joints, with accurately placed artificial ligaments, and Azou's dissectable manikin, provide ample facilities for this part of the work. In this, as in all the branches of the course, physiological processes are constantly discussed.

5. *Mammalian Histology*. Three periods a week for eleven weeks.

With the aid of prepared microscopic slides, the student studies the minute anatomy of the different tissues of the body, and their actual relationships in the different organs. He also learns practically how to fix, harden, imbed, section, stain and mount the important tissues; thus acquiring a practical knowledge of histological work.

6. *Embryology*. Three periods a week for six weeks.

The principles of maturation and fertilization of the germ elements are considered. The stages of segmentation are observed in the ova of the Frog and Fish. The development of the Chick is studied. Entire

mounts are made, as well as mounts of serial sections of the incubating egg, from the first hour of incubation to the fifth day, when the organs are practically all formed. This branch constitutes a fitting close to the course, as it exhibits the steps in the development of the individual animal, and also epitomizes the history of the animal kingdom in general.

HYGIENE.

Professor STAHLEY.

1. *Sanitary Science.* Lectures. House, municipal, state and national sanitation in their varied and rapidly developing new features are dwelt upon with the idea of furnishing a comprehensive yet intelligent outline of the subject.

Senior elective course. One hour a week throughout the year.

2. *Physical Culture.* This end is sought under medical guidance in the Gymnasium during the college year from November 1 to April 1. A physical examination of each student is made when he enters college and such kinds of gymnastic exercises are prescribed as seem indicated. The purpose is to encourage the promotion of health and physical vigor as necessary for successful mental application. Since much harm is often done by injudicious physical exercise, special effort is made to advise those who are suffering from defective bodily conditions how they may be helped by hygienic methods and the selection of forms of exercise particularly suited to their case.

BIBLICAL DEPARTMENT.

Professor EVJEN.

1. *Old Testament History.* The books of Genesis, Exodus, Numbers and Joshua furnish the material to be mastered. In connection with the Scripture text a manual of biblical geography and history is used.

Freshman required course. One hour a week throughout the year.

2. *Old Testament History.* Jewish history from the death of Joshua to the Division of the Kingdom. The biblical material is found in Judges, Samuel and Kings; the geographical and historical manual is continued.

Sophomore required course. One hour a week throughout the year.

3. *Biblical Study.* (a) The Life of Christ. (b) One of the Gospels in Greek.

Junior elective course. Four hours a week during the third term.

4. *New Testament Study.* The privilege of selecting the books to be studied is accorded to the class. Acts has been chosen this year.

Senior elective course. One hour weekly throughout the year.

GENERAL COLLEGE ORDERS.

EXAMINATIONS.

Examinations are held at the close of each term, or when a subject is finished. When a student is unavoidable absent from this examination, and his absence is excused by the Faculty, he is examined, at the discretion of the Faculty, either before leaving, or at the opening of the following term before entering his name on the roll of his class.

If a student be absent for some time from the Institution, he must, on re-entering, sustain an examination upon the studies to which his class has attended during his absence.

RECORDS.

A careful record of the attendance, scholarship and conduct of each student is kept; a general statement of which record is transmitted to parents or guardians at the close of each term.

DEGREES.

To members of the graduating class in full and regular standing diplomas are granted, conferring in the Classical Course the degree of *Bachelor of Arts*, and in the Scientific Course the degree of *Bachelor of Science*.

The degree of *Master of Arts* and *Master of Science*, according to the previously received Bachelor degree, is conferred, in course, on Bachelors of three or more years' standing, provided all applicants for this degree make application therefor to the Faculty, in writing, at least one week before the annual Commencement.

TERMS AND VACATIONS.

The annual Commencement is held this year on the second Thursday of June. Regularly the first term begins on the

second Thursday of September, and continues fourteen weeks; the second term begins two weeks after the close of the first term, and continues twelve weeks; the third term begins one week after the close of the second, and continues ten weeks, until the day of the annual Commencement. The intervening periods of approximately two, one and thirteen weeks are devoted to the vacations.

It is highly important for students to be punctual in entering upon their duties at the beginning of the term.

Unexcused absences from recitations are counted as zeros upon the grades.

The attention of parents and guardians is especially called to the fact that absences from recitations, whether at the opening of terms, or at other times, are not excused except for sickness or imperative necessity.

EXPENSES.

The necessary expenses of the collegiate year, exclusive of books, clothing, furniture and traveling expenses, are as follows for each student:

Board for 37 weeks,			\$70 00	\$90 00	\$111 00
First term,					
	Tuition,	\$12 00	30 00	30 00	30 00
	Gen. Exp.,	18 00			
Second term,					
	Tuition,	\$9 00	23 00	23 00	23 00
	Gen. Exp.,	14 00			
Third term,					
	Tuition,	\$9 00	22 00	22 00	22 00
	Gen. Exp.,	13 00			
Room rent and heat (half room),			12 50	40 00	62 50
Washing,			12 00	12 00	12 00
Total,			\$169 50	\$217 00	\$260 50

Board may be secured at prices varying from \$7.25 to \$10.00 a month in clubs; and from \$10.00 to \$12.00 in boarding houses. The average price paid in recent years has been about \$10.00.

A fee of \$1.50 a term for contingent expenses is charged to students not rooming in college buildings.

All members of the Senior class, upon their entrance on the last session of their course of study, pay to the Treasurer, with their college bills, an extra fee of \$5, which is refunded in case of failure to graduate.

CHEMICAL LABORATORY CHARGES.

Students in the Scientific Course are charged a term fee of \$5.00 for the use of chemicals and general apparatus. Glassware and other apparatus of individual use are supplied at cost prices, each person being charged with each article received and credited with the same on its return in good condition. The expense for this item in the first outfit has been about \$7.00, after which, with proper care, it need not exceed \$1.50 a term. Students in general chemistry pay, for the course, a desk fee of \$10.00 for the use of chemicals and apparatus, and the cost price for all articles broken; this need not exceed \$1.00 a term. The fee for supplies in elective Mineralogy is \$1.50.

A fee of \$4.00 a term is charged in the biological department for the use of material and apparatus.

Parents and guardians may intrust funds for students to any member of the Faculty, and the funds will be applied as may be required.

Tuition and other college dues for each term must, in all cases, be paid in advance. No student will be allowed to recite with his class until he has shown the Professor a receipt from the College Treasurer, or a note stating that he has made some satisfactory arrangement with the Treasurer.

ROOMS AND HEATING.

Students are required to lodge in the college dormitories, special cases excepted.

Unless all the available rooms of the college are occupied,

there is no remission of the charge for room rent, except to students whose parents reside in town.

Rooms becoming vacant can be assigned at any time, preference being given according to class, to be occupied after the removal of the former occupant, and, if the person to whom the rooms are assigned so desire, the furniture in them shall be removed.

The charges for room rent and steam heat for the several rooms, given below, are for full use of the room; if two students occupy a room they divide the expenses. The annual charge is given first, and in parenthesis the division of this charge between the first, second and third terms of the collegiate year. E—East Division, M—Middle Division, and W—West Division, S—South College.

At \$17.00 (6.00, 7.00, 4.00) : 4, 6 W ; 1 M ; 8 E.

At \$19.00 (6.50, 7.75, 4.75) : 5, 7 W ; 5, 7, 9, E.

At \$21.50 (7.50, 8.75, 5.25) : 1, 3 W ; 1, 3 E.

At \$26.75 (9.25, 11.25, 6.25) : 4, 6 E.

At \$27.75 (9.50, 11.00, 7.25) : 2, M.

At \$29.75 (10.25, 12.25, 7.25) : 3, 4, 5 M.

At \$32.00 (10.75, 13.00, 8.25) : 2 W ; 36 S.

At \$33.00 (11.25, 13.25, 8.50) : X S.

At \$35.50 (11.75, 14.50, 9.25) : 14, 15, 16, 17, 18, 19, 24, 25, 26, 27, 28, 29, 34, 35, 36, 37, 38, 39 E ; 6, 11, 16 M ; 12, 13, 14, 15, 20, 21, 22, 23, 28, 29, 30, 31 W.

At \$40.00 (14.00, 16.00, 10.00) : 22, 23, 24, 25, 30, 31, 32, 33 S.

At \$45.00 (15.00, 18.00, 12.00) : 26, 27, 28, 29 S.

At \$45.25 (15.50, 17.75, 12.00) : 10, 11, 12, 13, 20, 21, 22, 23, 30, 31, 32, 33 E ; 8, 9, 10, 11, 16, 17, 18, 19, 24, 25, 26, 27 W.

At \$47.75 (16.75, 19.00, 12.00) : 9 M.

At \$50.00 (17.00, 20.00, 13.00) : 20, 21, 34, 35 S.

At \$56.50 (20.25, 22.00, 14.25) : 8, 10, 12, 14, 18, 20 M.

At \$75.00 (26.00, 30.00, 19.00) : 17 and 19 M ; 21 and 22 M.
—Suites of two ; also, 1, 2, 3, 4, 5, 6, 7, 8, S.

At \$90.00 (32.00, 36.00, 22.00) : 10 and 12, 11 and 13, 15 and 17, 16 and 18, S—suites of two.

At \$125.00 (43.00, 50.00, 32.00) : 9, 19, S—suites of three.

Rooms 3, 4, 5, 8, 10, 12, 14, 18 and 20, M, include a large study and a good-sized bed-room. Even numbers, except 22, are on the north side of the building.

EQUIPMENT.

MUSEUM.

The museum contains varied collections of fauna and flora and minerals, all of which are freely used in instruction. The Mineralogical Cabinet contains over 6,000 specimens, including not only very full suites of the more common and more important minerals but also good specimens of many of the rarer minerals. The collection in Lithology numbering 3,000 specimens and of iron in Metallurgy have, by recent additions, become fairly representative in the most important departments of these sciences. The Botanical Collection of 6,000 specimens, mainly presented by Miss Elizabeth C. Morris, of Germantown, Pa., is well arranged and contains a full representation of American Flora. A beginning has been made of a Chemical Museum—to contain specimens of raw and manufactured materials in chemical industries. Friends of our Institution can greatly aid us by additions to these collections.

LITERARY SOCIETIES.

Two literary societies are connected with the College, the Phrenakosmian and the Philomathæan. These exert a favorable influence in the intellectual and social culture of their members. The exercises consist of music, essays, orations and debates. The practical acquaintance with parliamentary law here formed makes these societies the best schools for free citizenship. The halls occupy two wings on the third story of the Recitation Hall, and are conveniently and handsomely furnished. Their sessions are held every Friday evening.

A reading room, managed by these societies and the Y. M. C. A., contains a great variety of periodical literature.

LIBRARIES.

The College Library, to which all students have access without charge, contains many works of reference. During term time the Library is open for consultation and the drawing of books four hours each week day, except on Saturday, when it is open for two hours.

The income of a fund invested for the purpose provides for frequent additions of the best publications.

The Libraries of the Literary Societies comprise a large number of well selected and standard volumes, which are annually increased through the income of separate funds.

These libraries are accessible to the members of the societies under their respective regulations, and are open for the issue of books on Wednesday at 4 P. M. and Saturday at 10 A. M. during term time. They are in the same hall with the College Library. In addition to several thousand partly classified but unbound pamphlets

The College Library contains,	15,150 volumes
The Philomathæan Library contains	6,580 volumes
The Phrenakosmian Library contains	5,771 volumes

Total,	27,501 volumes
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Through the kindness of Mrs. Mary G. Stuckenberg the library facilities of the College have been increased by the gift of the large private library of her husband, the late Prof. J. H. W. Stuckenberg. This valuable collection contains over 2,000 volumes. These are not included in the foregoing enumerations.

SCHOLARSHIPS.

A number of permanent scholarships, securing free tuition, have been endowed and are under the control of synods, congregations, or individuals. C. W. Thompson, Esq., of Lancaster, has established a scholarship for the purpose of giving the benefit of a collegiate education to the most successful and

indigent pupil who shall pass through the prescribed course in the High School of Gettysburg.

PRIZES.

MUHLENBERG FRESHMAN PRIZE.—The interest of a fund of five hundred dollars, contributed by Prof. F. A. Muhlenberg, D.D., LL.D., is given at the close of the year to that member of the Freshman class who, upon examination, is found to have attained the highest degree of scholarship in the studies of the Classical course.

BAUM MATHEMATICAL PRIZE.—Charles Baum, M. D., Ph.D., of Philadelphia, has contributed five hundred dollars, the income from which is to be given annually to that member of the Sophomore class who shows the greatest proficiency in Mathematics.

HASSLER LATIN PRIZE.—Mr. Charles W. Hassler has furnished a fund, the interest of which is annually expended for the purchase of a Gold Medal, to be presented to the student of the Junior class, who, at the end of the year, shall be the best Latin scholar.

REDDIG ORATORICAL PRIZE.—Mr. Clarence Jacob Reddig, of Shippensburg, contributes annually the sum of twenty-five dollars as an Oratorical Prize, to be contended for in public by the Junior class, on Tuesday of Commencement week.

GRAEFF PRIZE.—This prize was founded by Mr. John E. Graeff, of Philadelphia. The sum of \$30 is awarded for the best English essay from the Senior class, on a subject previously assigned. The decision is made by a committee appointed by the Professor of English Literature.

GIES PRIZES IN DEBATE.—William J. Gies, Ph.D., professor in Columbia University, offers through the Pen and Sword Society, two prizes of \$21 and \$15, respectively, for the encouragement of skill in Debating. The first contest takes place about the middle of November between teams chosen by the

Freshman and Sophomore classes, respectively, and the winning team is rewarded with \$15. The second contest, between the winning team and a team from the Junior class, takes place about the middle of March, with \$21 to the winners.

PITTSBURG PRIZE IN CHEMISTRY. — The Pittsburg-Gettysburg Club have established a prize of \$25, to be given to the student who does the best work in Chemistry during the Junior year of the Scientific Course.

Students in special courses are not admitted to competition for any of the foregoing prizes.

BUILDINGS.

PENNSYLVANIA HALL, erected in 1836-38, was remodeled and improved in 1889. It contains eighty-six rooms for students, many of them *en suite*, so that those who may wish to do so can have separate study and sleeping rooms. In this building are the reading rooms of the Literary Societies and the large room used by the College Y. M. C. A. These rooms are heated by steam, and water pipes and lavatories connected with the town system of water works are on the first floor.

SOUTH COLLEGE, erected in 1897, is a building of three stories containing rooms for about fifty students. It is finished entirely in hard wood, is heated with steam, has hot and cold water on each floor and lavatories in convenient places. The first floor has eight rooms, each with open fire place, tile hearth and spacious closets. These rooms may be used by one or two occupants, as preferred. On the second floor all rooms are *en suite*, each suite consisting of a study with one bed-room or two. These are also provided with hearths, closets, etc. The third floor is divided into sixteen single rooms.

THE RECITATION HALL, erected in 1888-89, is used for general college purposes. On the first floor are the library room and office, the President's office, the reception room, and recitation rooms. The second floor has recitation rooms. The third floor has in the front centre a large museum room with

valuable collections. In the rear centre are a mineralogical laboratory and suite of rooms fitted up for use as an infirmary, if they should be needed. In the north wing, is the hall of the Philomathæan Society, in the south wing the hall of the Phrenakosmian Society. In the basement are rooms designed for a physical laboratory.

THE BRUA MEMORIAL CHAPEL, erected in 1889-90, is the gift of the late Col. John P. Brua, U. S. A., as a memorial to his parents. This building is used for morning prayers, for Commencement exercises, lectures and other occasions requiring a large audience room.

THE CHEMICAL LABORATORY is a frame building, erected in 1872 and in 1890 converted to its present use. It contains on one floor a large lecture room, an office, store-rooms, chemical-room, balance-room, and two laboratories—one for general chemistry, with desk room for forty-eight students, the other for analytical chemistry, with desk room for forty-eight students. The building is fitted with the most approved appliances; gas and water at each desk; there are ample hoods, a water-distilling apparatus and large sand bath, and other necessary apparatus. The balance-room contains balances set on walls especially built for them. In the basement are an assay-room and a store-room.

THE ASTRONOMICAL OBSERVATORY, erected in 1875, is furnished with an achromatic telescope, having an object glass of six and one-half inches, with a transit instrument, chronometer and other appliances.

THE GYMNASIUM has on the first floor ample dressing rooms and bathing facilities, and a base ball cage. On the second, or main floor, a class of sixty members can be accommodated for gymnastic drill. The selection of specialized apparatus in light and heavy gymnastics is varied and complete. The Professor's office, where all the physical tests and measurements

are taken, is also on this floor, and is furnished with a full set of anthropometric apparatus.

On the gallery there is a first-class "Roberts' patent" running track with seating accommodation for visitors.

The gymnasium is open at stated times every afternoon and evening and Saturday all day, aggregating twenty-four hours each week, apportioned between regular class practice and general practice.

Athletic sports are encouraged, but under such regulations, as it is believed, prevent them from becoming a source of demoralization to the students, or interfering with the legitimate work of the Institution. A student who has not first secured the permission of his parents is not allowed to engage in any public contest.

ATHLETIC FIELD. Immediately north of the college buildings is the athletic field, which is carefully graded and securely inclosed and covers an area of over four acres. It affords room and facilities for all kinds of out-door sports.

THE BOILER HOUSE supplies the steam required for heating all the college buildings, and has capacity for more.

Besides these buildings there are on the campus the President's house, a double house for Professors, and four halls erected by Greek Letter Societies.

A fair valuation of the several buildings is:

Pennsylvania Hall,	\$38,000
South College,	20,000
Gymnasium,	14,000
Stevens Hall,	20,000
Chemical Laboratory,	10,000
Observatory,	3,500
Recitation Hall,	86,000
Brua Chapel,	19,000

Other buildings, not including fraternity halls, ...	14,000
Steam and water plants,	25,000
	<hr/>
	\$249,500

In addition, the libraries, scientific apparatus, scientific collections and furniture are worth at least \$75,000. These estimates do not include the value of the improved campus.

NEEDS OF THE COLLEGE.

The friends of the college may desire information as to its most pressing needs. Provision should be made for additional teaching force and apparatus in the following departments:

The Department of Physics.

The Department of Applied Mathematics.

The Department of Philosophy and History.

The Department of Rhetoric and Elocution.

The Library Fund and the General Endowment Fund should be increased.

GENERAL ALUMNI ASSOCIATION.

The Alumni Association of Pennsylvania College holds its regular annual meeting on Tuesday evening of Commencement week. In 1876 the Board of Trustees granted the Association the privilege of nominating six of their number to membership in the Board, to fill alternate vacancies till the whole number is secured.

The officers of the association are: President, Hon. Harry M. Clabaugh, class of '77; Vice Presidents, Samuel S. Neely, Esq., '85; Frank G. Turner, Esq., '93; Jacob J. Weaver, M.D., '67; Secretary, Clyde B. Stover, '94; Treasurer, Mr. H. C. Picking, '79.

COLLEGE PERIODICALS.

The *College Mercury*, published monthly in term time under the control of the Literary Societies, is a literary journal sus-


tained by the contributions of students and alumni. *The Gettysburgian*, under the private control of students, is published weekly and makes a specialty of college and town news. *The Spectrum*, an annual publication of the Junior class, contains pictorial representations of the College with its various organizations and surroundings as well as useful statistics about students and alumni. All aim at enlarging the means of communication between the College and its graduates, former students and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the Institution.

TEACHERS.

The attention of School-boards and others desiring teachers is called to the fact that it is frequently in the power of the Faculty to recommend suitable persons. Many graduates fill successfully important positions in public and private institutions.

FORM OF BEQUEST.

I give, bequeath and devise to "The Trustees of Pennsylvania College, of Gettysburg, in the County of Adams," in the State of Pennsylvania, and their successors and assigns forever, the sum of —— (or shares in the bank of ——, or any other personal property or real estate, as the case may be), to be applied to the Endowment Fund of the Institution.

 *A bequest to a benevolent corporation, to be legal, must be made at least 30 days before the death of the Testator, in Pennsylvania, and 60 days in New York.*

PREPARATORY DEPARTMENT.

AIM OF THE DEPARTMENT.

Stevens Hall is located within two minutes' walk from Pennsylvania College. The object of its foundation, which the school has steadily kept in view, was to present to the public AN ACADEMY UNDER THE CONTROL OF COLLEGE AUTHORITIES. The advantages of such a combination are obvious. To students who desire to prepare for college it offers a course of preparatory instruction under the eyes of their future Professors and in the line of the college requirements. The school, being open at all times to visits from instructors in the College, and receiving from time to time their counsel, is able to give to those students who desire it just that preparatory study and drill which will lead to the most profitable and creditable work in the college classes. Time is concentrated upon the studies in which it is needed, and STUDENTS WHO HAVE SATISFIED THE REQUIREMENTS IN THE PREPARATORY DEPARTMENT ARE ADMITTED TO THE FRESHMAN CLASS OF THE COLLEGE UPON THE PRINCIPAL'S RECOMMENDATION WITHOUT FURTHER EXAMINATION. On the other hand, students who do not expect to enter College, and who desire only an English education, preparatory to business, teaching, etc., may find in this school an academy of high grade under the supervision of college Professors, in a college atmosphere, and with free access to the college libraries. Near association with a college is a stimulus to study, and often awakens a desire for a higher education.

GOVERNMENT.

The Preparatory Department, though under the control of the College authorities, has a separate building of its own and

is under the special direction of a Principal who gives to it his whole time in the work of instruction and supervision. He is aided by three assistants.

The school seeks to develop intelligent Christian gentlemen. The discipline aims at making the pupil SELF-GOVERNING, and at leading him to habits of self-respect and self-control by training the judgment, quickening the conscience, and cultivating a delicate sense of honor.

When it is evident that a pupil has no proper appreciation of his opportunities, and is harming the school rather than receiving benefit from it, his parents are asked to remove him.

During study hours students are expected to be in their rooms, which are subject to frequent visits by instructors.

ADMISSION.

Students are admitted at any time to the grade for which they have been qualified by previous study. But it is highly important that the student enter the school as early in the course as possible. With the present high requirements for admission, a hurried preparation is generally unwise and tends to embarrass the student's future progress, especially in Latin and Greek. Accurate, technical scholarship, at which the school aims, can hardly be secured without long drill, especially in the languages. Without intending at all to discourage those whose circumstances, rather than their desire, lead them to attempt short preparation, all who can are urged TO LAY THE FOUNDATION CAREFULLY. An additional year of time at the beginning is always a gain in the ease and success with which future work is done. The fact, however, is recognized that students differ widely in ability and industry, and every opportunity is afforded those who can do so to cover the required work in a shorter time.

No examinations are required for admission, the pupil being at once assigned to the class for which his previous studies seem to have fitted him. If, upon trial, it be found that a

mistake has been made, the Principal reserves the right to transfer the student to the proper grade.

Students who have advanced sufficiently in Mathematics and the English branches to enter the Freshman class, but have not studied Latin or Greek, will here find special arrangements made for their rapid advancement. Girls will be received as day scholars. A study hall has been reserved for their exclusive use and they are not obliged to mingle with the general class except at regular recitation periods. When at school they are under the care of a lady superintendent. Refined homes for them can be secured in town at moderate rates. They will be under the care of the Principal, who will be fully informed of their conduct.

RELIGIOUS EXERCISES.

On Sunday morning the students of the Preparatory Department are required to attend worship with the college instructors and students in the College Church, or such other place of worship as their parents or guardians may designate. A Bible class is conducted by the Principal every Sunday morning and is a part of the regular course of study. Chapel service is held every morning except Saturday.

COURSE OF STUDY.

The course of study is designed to prepare students of either sex, who desire to enter college, for the Freshman class, and to give students who do not expect to enter college, so far as it can carry them, a wide intelligence, true culture, and habits of careful and sound thinking. New and important subjects have been added, and increased attention is given to the lower classes. All students of the school have free access to the College Library, and students over fifteen years of age may join either of the College Literary Societies. There is also a Literary Society conducted by the students of the Department.

There is no musical course in the school, but arrangements for instruction at moderate terms may be made in the town without conflict with school work.

A report of the work and conduct of each student is sent home at the end of each term, and at any other time upon request or when the Principal thinks it desirable.

There are two courses, the Classical (with Greek), and the Scientific or Academic (without Greek). The subjects taught are as follows:

LATIN

Junior Class. Instruction in the essentials of the language. Translation of short stories, fables, dialogues. The writing in Latin of simple sentences. Drill on vocabulary.

Middle Class. Review of Latin in Comstock's Lessons. *Viri Illustres Romae*, with continuous drill in the grammar; analysis of words and sentences; prose composition based on the text.

Sub-Freshman Class. Cicero's Orations, first three against Catiline, with sight translation of advance passages; drill in syntax; prose composition based on Cicero. Virgil's *Æneid*, I-III, with study of Latin Prosody; Mythology.

GREEK.

Middle Class. White's First Greek Book; complete survey of the language with syntactical analysis of the first eight chapters of Xenophon's *Anabasis*; study of word-formation, rules of syntax, historical allusions; special drill on vocabulary.

Students in the Scientific course take Physics and Physiology instead of Greek.

Sub-Freshman Class. Xenophon's *Anabasis*, I-III, with continuous drill in grammar and Attic forms. Translation at sight of book V, with special study of moods and tenses.

Students in the Scientific course will take Physical Geography and History instead of Greek, also Vos' Essentials of German during the year.

Students who are prepared for college in all the other entrance requirements will be allowed to concentrate upon Latin, Greek and Mathematics, and a special class will be organized for their benefit.

MATHEMATICS

Junior Class. Arithmetic to percentage; analysis of numbers; notation; special drill in fractions, including Decimals.

Middle Class. Arithmetic completed, with the Metric system; Commercial Arithmetic. Wells' Academic Algebra through Fractions.

Sub-Freshman Class. Algebra completed with special drill in the Equation. Drill in Geometrical Figures with Kitchener's Note Book as a guide. Wentworth's Geometry, I-III; solution of original problems.

HISTORY.

Junior Class. Eggleston's History of the United States; study by questions on the text, and by epochs. Frequent tests in writing.

Middle Class. Montgomery's History of the United States.

Sub-Freshman Class. Grecian and Roman History with attention to social customs, education, literature, thought and art. Reading from standard works in history and biography.

English and French history *for students in the Scientific Course.*

ENGLISH.

Junior Class. English Grammar. Reading, Spelling, Punctuation; use of capitals. Writing from dictation. Letter writing.

Literature: Dr. Brown's Rab and His Friends, Hughes' Tom Brown's School Days, Kingsley's Heroes and Westward Ho, Hawthorne's Wonder Book, Burrough's Birds and Bees, Irving's Sketch Book.

Middle Class. Buehler's English Grammar. Reading, recitation, composition and declamation. Spelling, punctuation, capitals. Narration and description. Study of outlines.

Literature: Church's Story of the Iliad, Cooper's Last of the Mohicans, Longfellow's Miles Standish and Evangeline, Dickens' Christmas Carols, Tennyson's Enoch Arden.

Sub-Freshman Class. Syntactical analysis. Buehler's Practical Exercises. Study of the paragraph; figures, types of style. Abstracts and outlines. Declamation. Composition.

Literature: Macauley's Essays on Frederic the Great, Sir Roger de Coverley Papers, Scott's Ivanhoe and Lady of the Lake, Hawthorne's Scarlet Letter, Eliot's Silas Marner, Tennyson's Idylls of the King, DeQuincey's The Flight of the Tartars.

NATURAL SCIENCE.

Junior Class. Geography, Industrial and Political, with map-drawing. Natural History; survey of the Mineral, Vegetable and Animal Kingdoms.

Middle Class. Cooley's Physics. Physiology with direct reference to Hygiene.

Sub-Freshman Class. Eclectic. Physical Geography. Natural laws and forces.

BUSINESS.

A course of instruction is given in Book-keeping when desired. This course is intended to fit young men for a business career.

PHYSICAL EXERCISE.

The building is surrounded with large and pleasant grounds adapted to football, baseball, tennis and other out-door sports; and in addition to this the students enjoy all the privileges and instruction of the College Gymnasium

BUILDINGS AND ROOMS.

The building, located on a slight eminence north of the town, is heated throughout by steam, and supplied with pure artesian water. A comfortable toilet room has been placed on the first floor. The rooms on the third floor are now arranged *en suite* with a broad archway separating the study and sleeping apartments. On the second floor the rooms are separate.

The rooms have been refurnished with heavy oak wardrobes, bookcases, washstands, tables and chairs. Iron enameled beds, complete with springs and mattresses, are also provided. Two students occupy two rooms, one for studying, the other for sleeping. The rooms are furnished with two single bedsteads, mattresses, chairs, table, bookcase, clothes closet, window curtains and washstand. The other articles needed for the rooms, and *to be furnished by the occupants*, are as follows: Washbowl and pitcher, mirror, lamp, oil-can, slop-pail and

carpet. The carpet for a third floor study room is $10\frac{1}{2}$ by $10\frac{1}{2}$, sleeping room $10\frac{1}{2}$ by 11, for a second floor study room 10 by $12\frac{1}{2}$. Each student must also be provided with towels, three sheets for single bed, two pillow slips, a spread, comforts and blankets, and a feather pillow.

EXPENSES.

Tuition,	\$12 00	\$9.00	\$9 00
Room-rent and Use of Furniture,	8 25	7 00	7 00
Steam Heat,	3 60	4 20	1 80
Gymnasium Fee,	2 00	2 00	2 00
Incidentals,	13 00	11 50	9 50
	<hr/>	<hr/>	<hr/>
	\$38 85	\$33 70	\$29 30

Students do not board in the building, but in clubs and private families at a cost of from \$1.87 to \$3.00 a week. Washing is \$1.75 a month. A deposit of one dollar will be required at the beginning of the year to insure the return of keys and the proper care of the room. This will be returned to the student at the end of the year if no damage has been sustained. Students who do not room in the building are **not** charged for room-rent or for heating.

All bills with the Institution must be paid at the beginning of each term. Money entrusted to the Principal for the use of students will be expended as desired.

For further information address

REV. CHARLES H. HUBER, A.M.,
Principal.

REGISTER OF STUDENTS.

COLLEGIATE DEPARTMENT.

GRADUATE.

James Allen Dickson, A.B., Penn.

Coll., 1905.

Gettysburg,

103 W. Middle St.

SENIOR CLASS.

CLASSICAL COURSE.

Clarence Eugene Arnold	York,	24 and 26 E.
Jesse Ethan Benner	Gettysburg,	R. F. D. 1.
Nellie Kate Blocher	Gettysburg,	400 Carlisle St.
Edwin Butler Boyer	Accident, Md.,	1 E.
Belle Wierman Bream	Gettysburg,	124 Springs Ave.
Roland Edward Brumbaugh	Roaring Spring,	1 S.
Sara Barbara Brumbaugh	Roaring Spring,	321 Carlisle St.
Mary Swartz Fiscel	Gettysburg,	333 Baltimore St.
William Keeler Fleck	Huntingdon,	205 Buford Ave.
Elsie Anna Gerlach	Gettysburg,	56 Chambersburg St.
Clifford Elvin Hays	Hagerstown, Md.,	24 and 26 E.
John Clyde Hoover	Fleming,	5 W.
Margaret Anderson Lott	Gettysburg,	R. F. D. 7.
Eleanor Wortz Miller	Gettysburg,	157 Carlisle St.
Franklin Wattles Moser	Schuylkill Haven,	23 S.
Ward Beecher Shank Rice	Lemoyne,	25 S.
Ernest Victor Roland	Chapman's Run,	14 S.
Martha Ellen Sachs	Gettysburg,	140 E. Middle St.
William Martin Seligman	Butler,	162 York St.
Thomas Edgar Shearer	Worthington,	7 M.
Paul Rothrock Sieber	Gettysburg,	37 W. Middle St.
Harry Franklin Smith	Hagerstown, Md.,	28 E.
Samuel Earnest Smith	Millvale,	31 E.
Henry Renoll Spangler	Spring Forge,	20 E.
Rufus Miley Weaver	Gettysburg,	129 Baltimore St.

SCIENTIFIC COURSE.

Thomas Alvin Faust	Ambler,	7 S.
Clifford Clinton Hartman	Pittsburg,	6 S.
John Willard Hershey	Tillie,	234 Chambersburg St.
Howard Elwood James	Reading,	33 E.
George Washington Karmany	Hummelstown,	10 E.
Lloyd Leslie Lammert	Frostburg, Md.,	14 M.
Jesse Nelson Sharetts	Gettysburg,	34 Stevens St.
Cora Susan Swartz ✓	Gettysburg,	238 Baltimore St.
SENIORS, 33.		

JUNIOR CLASS.

CLASSICAL COURSE.

Markley Connel Albright	Hatfield,	14 M.
David Lincoln Baker	Abbottstown,	22 M.
Albert Daniel Bell	York,	9 W.
William Albert Berkey	Stoyestown,	22 E.
Grace Maria Blocher	Gettysburg,	400 Carlisle St.
Henry Michael Bower	Hughesville,	3 M.
Edwin Allan Chamberlin	Hughesville,	Observatory
Harry Watson Davison	Greencastle,	39 E.
Oscar Carlton Dean	Middletown, Md.	29 and 31 W.
Harry Dollman	Orangeville,	11 E.
Cora Myrtle Drum	Gettysburg,	39 York St.
Zenas Orton Fiscus	Vandergrift,	30 S.
Frank P. Fisher	Warrior's Mark,	25 E.
James Aldis Fritz	Blairsville,	32 E.
Lillia Rebekah Gantt	Frostburg, Md.,	3 Campus.
Herbert Spencer Garnes	Fishersville,	3 M.
Willis Wissler Hackman	Brunnerville,	6 E.
Frederick Melanchthon Harmon	Hazleton,	1 York St.
Warren Bailey Heilman	Baltimore, Md.,	11 W.
Mary Hay Himes ✓	Gettysburg,	130 Carlisle St.
George Walter Kessler	Sac City, Ia.,	19 S.
Guy Beaver King	Fairfield,	12 M.
Irvin Martin Lau	Gettysburg,	62 Stevens St.
Harvey Ross McAllister	Gettysburg,	30 E. High St.
Anna Elizabeth McLaughlin	Carlisle,	3 Campus.
Fannie Long McMahan ✓	Troy,	3 Campus
Edmund Longinus Manges	Oakland, Md.,	28 W.

William Louis Meals	Gettysburg,	Mummasburg Road.
Levi Forrest Mercer	Mechanicsburg,	26 S.
Effie Matilda Miller	Gettysburg,	25 Chambersburg St.
Stacy Eugene Peters	Dallastown,	20 M.
George Michael Rice	Arendtsville,	12 M.
Jonas Keffer Robb	Ligonier,	15 S.
Albert Lawrence Sauter	Connellsville,	15 E.
Robert William Schnitzer	Gettysburg,	4 Carlisle St.
Paul Singmaster	Gettysburg,	Confederate Ave.
Louis Earle Smith	Chambersburg,	27 S.
Loy Woods Stambaugh	Blain,	31 W.
Curvin Horatio Stein	Freysville,	20 M.
Howard Chester Arthur Stouffer	York,	10 M.
Jesse Franklin Swartz	Spring Forge,	8 S.
Fred Gallagher Troxell	Gettysburg,	27 Hanover St.
William Claude Waltemyer	Baltimore, Md.,	11 W.
Anna Jean Wetterau	Hazleton,	209 N. Washington St.
Allston Leffler Whitney	Lykens,	15 and 17 S.
Frederick William Wittich	Hazleton,	26 S.
Mabel Irene Yonson	Waynesboro,	215 N. Washington St.

SCIENTIFIC COURSE.

John McCrea Dickson	Gettysburg,	103 W. Middle St.
Joseph Chalfont Dickson	Gettysburg,	103 W. Middle St.
Leroy Earle Enterline	Ashland,	3 S.
Gideon Moul Haar	Hanover,	20 W.
Horatio Ambrose Helder	Dallastown,	18 M.
John Catherman Himes	McAllisterville,	24 S.
Charles Philip Lantz	Harrisburg,	12 M.
George Lauman Laverty	Middletown,	18 W.
Allen Clair Lebo	Williamstown,	9 S.
James Haines McClure	Elk Lick,	2 S.
William Bradbury McClure	Elk Lick,	2 S.
Elmer William Martin	Ashland,	6 M.
Robert Weir Michael	Centralia,	18 E.
Edgar Allen Miller	Hampton,	22 M.
Frederick Augustus Muhlenberg	Reading,	10 and 12 S.
Howard Stanley Pownall	Lansdale,	30 E.
Russell Simpson Shoemaker	Harney, Md.,	6 W.
Roy Eyster Smith	Chambersburg,	27 S.

Guy Markley Stock	Baltimore, Md.,	4 S.
Raymond Frederick Topper	Gettysburg,	525 Baltimore St
Martin Luther Wachtel	Myersville, Md.,	17 W.

JUNIORS, 68.

SOPHOMORE CLASS.

CLASSICAL COURSE.

Elizabeth Jeannette Bayly ✓	Gettysburg,	301 York St.
Virginia Marion Beard ✓	Gettysburg,	209 N. Washington St.
Ralph Emerick Bell	York,	9 W.
Paul Frederick Bloomhardt	Altoona,	A. 1 S.
Charles Swartz Bream	Gettysburg,	R. F. D. 4.
James Howard Buck	Hughesville,	304 W. Middle St.
Milo R Clare	Abbottstown,	18 M.
Elbie Edison Creps	Indiana,	12 E.
Helen Grace Culp	Gettysburg,	115 Chambersburg St.
Festus Newell Cofell	Upperco, Md.,	24 W.
Earle Vinton Ehrhart	Glenville,	24 W.
George Raymond Haaf	Palatine, N. J.,	29 E.
Charles Felder Vanmetre Hesse	Leechburg,	15 W.
George Theobald Heintz	Buffalo, N. Y.,	1 W.
George Linn Kieffer	Millersburg,	23 W.
Clark Benjamin Kistler	Elliottsburg,	23 E.
Charles Leonard Kopp	Lineboro, Md.,	34 E.
Elias Trostle Lau	Gettysburg,	62 Stevens St.
John Calvin McCarrell	Shippensburg,	35 S.
Robert Ellsworth Peterman	Hanover,	11 M.
Norman Guy Phillipy	Greencastle,	4 S.
Mervin Elmer Smith	Aspers,	12 W.
Edgar Ernest Snyder	Everett,	7 M.
Samuel Franklin Snyder	Indiana,	12 E.
Simon Snyder	Clearspring, Md.,	Springs Ave.
Harry Blain Strock	Harrisburg,	4 M.
Alfred Levis Taxis	Wilkinsburg,	5 M.
Grover Tracy	Lineboro, Md.,	34 E.
Levering Tyson	Reading,	31 E.
Harry Ray Wolf	Harrisburg,	27 E.
George Edgar Wolfe	Annville,	13 W.

SCIENTIFIC COURSE.

George Nicholas Acker	Washington, D. C.,	8 M.
Maurice Blocher Bender	Gettysburg,	131 Carlisle St.
Arthur Aaron Bright	Harrisburg,	4 M.
Felton Samuel Dengler	Steelton,	20 S.
Curvin Albright Diehl	New Oxford,	201 Chambersburg St.
Charles Gross Duncombe	Myersdale,	12 S.
Mary Hake	Gettysburg,	227 E. Middle St.
Victor Budd Hausknecht	Hazleton,	28 S.
Karl Frederick Irvin	Altoona,	34 S.
John Roy McMillan	Gettysburg,	Condeferate Ave.
Oliver Daniel Mosser	Ashland, Ky.,	16 and 18 S.
Benjamin Philson	Berlin,	9 M.
Samuel Philson	Berlin,	9 M.
Clarence Lantz Steumpfig Raby	Phoenixville,	21 W.
Charles Garfield Remsburg	Petersville, Md.	17 W.
Clarence E Reyner	Knox,	23 E.
Keller Emrich Rockey	Waynesboro,	8 M.
Harry Clayton Sieber	Mifflintown,	28 S.
Leslie Watson Taylor	Norwood,	13 E.
D Agnew Thomas	Gettysburg,	214 Chambersburg St.
Lloyd Van Doren	New Germantown, N. J.,	29 S.
Arthur Keller Santee Waltz	Chewsville, Md.,	5 E.
Maurice Stevenson Weaver	Gettysburg,	261 Baltimore St.
John Brown Zinn	Gettysburg,	240 Baltimore St.

SELECT COURSE.

Joseph Arnold	Brooklyn, N. Y.,	1 W.
Katherine Duncan	Gettysburg,	109 Lincoln St.
Louise Duncan	Gettysburg,	109 Lincoln St.
Donald Sangree Hake	Gettysburg,	227 E. Middle St.

SOPHOMORES, 59.

FRESHMAN CLASS.

CLASSICAL COURSE.

Charles Greenough Aurand	<i>Martinsburg,</i>	17 M.
Bruce Maurice Bare	<i>York,</i>	8 W.
Harry Fridley Baughman	<i>Uniontown, Md.,</i>	168 Carlisle St.
Samuel Edward Bower	<i>Berwick,</i>	14 E.
Ross Eldon Bowers	<i>Martinsburg,</i>	17 M.
George Edward Bowersox	<i>Silver Run, Md.,</i>	16 E.
William Herschel Brown	<i>Gainsboro, Va.,</i>	304 W. Middle St.
Roy Victor Derr	<i>Creagerstown, Md.,</i>	2 W.
Samuel Fausold	<i>Latrobe,</i>	16 M.
Carl Weiser Fleck	<i>Riegelsville,</i>	25 W.
Edward Niles Frye	<i>Pittsburg,</i>	30 W.
Robert Harris Gearhart	<i>Sunbury,</i>	14 E.
Thomas Albert George	<i>New Kensington,</i>	25 S.
Paul Koller Gotwald	<i>York,</i>	8 W.
Paul Geyer Hartman	<i>Littlestown,</i>	48 York St.
Florence Gertrude Heathcote	<i>Gettysburg,</i>	135 Buford Ave.
Siebert Leigh Hench	<i>Andersonburg,</i>	30 E.
Earl Cameron Herman	<i>York,</i>	16 W.
John Jenkins	<i>Pottsville,</i>	10 M.
Julius Grover Cleveland Knipple	<i>Silver Run, Md.,</i>	24 and 26 W.
Harry Davis Lighty	<i>Steelton,</i>	21 E.
William Armour Logan	<i>Philadelphia,</i>	21 E.
Guy Emory McCarney	<i>Gettysburg,</i>	168 Carlisle St.
Martin Lester Markel	<i>Somerset,</i>	25 W.
Carl Frank Miller	<i>Kingsville,</i>	27 W.
Paul S Miller	<i>Hanover,</i>	36 E.
John Rogers Musselman	<i>Gettysburg,</i>	247 Baltimore St.
Elmer Emil Oldhouser	<i>York,</i>	8 E.
Stanley Richard Piszczek	<i>Plymouth,</i>	7 S.
Elmer Frederic Rice	<i>Myersville, Md.,</i>	2 W.
Ralph Edward Rudisill	<i>Hanover,</i>	36 E.
Charles Norman Shindler	<i>York,</i>	16 W.
Henry Kuhns Starner	<i>Westminster, Md.,</i>	22 W.
John E Weitzel	<i>Wrightsville,</i>	19 W.
Rufus Nathaniel Wenrick	<i>Robeson,</i>	9 E.
Leslie Kauffman Young	<i>Kauffman's,</i>	39 E.

SCIENTIFIC COURSE.

Howard Ward Alleman	<i>Littlestown,</i>	9 S.
Joseph Tate Bayly, Jr.	<i>Gettysburg,</i>	301 York St.
Edward West Belt	<i>Hampstead, Md.,</i>	4 W.
Earle Ronald Bishop	<i>Meyersdale,</i>	31 S.
Herbert Addington Bream	<i>Gettysburg,</i>	R. F. D. 4.
David Monroe Crist	<i>Walkersville, Md.,</i>	27 W.
*Earnest Michael Dinger	<i>Summerville,</i>	59 York St.
William Howard Etsweiler	<i>Millersburg,</i>	3 M.
Charles Wilson Fournl	<i>Lehighton,</i>	36 S.
Harvey Nicholas Gilbert	<i>Chambersburg,</i>	34 S.
Adam James Hazlett	<i>Aspinwall,</i>	33 S.
Lawrence Gladstone R Hitchins	<i>Frostburg, Md.,</i>	11 and 13 S.
Arthur Douglas Hunger	<i>Vandergrift,</i>	16 and 18 S.
George Edward Jacobs, Jr.	<i>Johnstown,</i>	22 E.
Charles Henry Kelbaugh	<i>Smithsburg, Md.,</i>	14 W.
Robert Edward Nein	<i>Steelton,</i>	8 S.
Charles Allen Russell	<i>Hughesville,</i>	15 and 17 S.
John Harrison Sachs	<i>Gettysburg,</i>	140 E. Middle St.
Raymond Witmer Sieber	<i>Gettysburg,</i>	37 W. Middle St.
Clarence Frederick Stifel	<i>Allegheny,</i>	22 S.
Harvey Wilmer Strayer	<i>York,</i>	19 W.
Edgar Fraunfelter Wagner	<i>Mohrsville,</i>	38 E.
Ernest Henry Yohn	<i>Mechanicsburg,</i>	19 S.

SELECT COURSE.

Helen Harriet Brenneman	<i>Harrisburg,</i>	34 W. Middle St.
Frank Lee Chase	<i>Oakland, Md.,</i>	22 E.
Edgar McCreary Faber	<i>Gettysburg,</i>	28 Chambersburg St.
George Edwin Hartman	<i>Gettysburg,</i>	25 Hanover St.
Paul Laban Hitchens	<i>Frostburg, Md.,</i>	11 and 13 S.
John Bailey Kendlehart	<i>Gettysburg,</i>	32 E. Middle St.
William John Knox	<i>West Chester,</i>	1 S.
Emory Shinkle Mohn	<i>Jersey Shore,</i>	21 S.
John Hector Schlomer	<i>Newport,</i>	10 W.
Walter Henry Schmitt	<i>Allegheny,</i>	32 S.
Harry Moll Spamer	<i>Philadelphia,</i>	20 Chambersburg St.

FRESHMEN, 70.

*Deceased.

PREPARATORY STUDENTS.

SUB-FRESHMAN CLASS.

Roy Randolph Allen	<i>Landisburg,</i>	30 E.
Ernest D. Barto	<i>Hughesville,</i>	46 St.
Richard Gordon Bennett	<i>Sparrows Point, Md.,</i>	23 St.
Howard Hartman Blume	<i>McKeesport,</i>	45 St.
Harvey Cleveland Bream	<i>Fairfield,</i>	28 St.
Floyd William Bream	<i>Gettysburg,</i>	Fairfield Road.
Alcone Daniel Breitenreiter	<i>Pittsburg,</i>	45 St.
John Frederick Dulebohn	<i>Mason & Dixon,</i>	27 St.
Benjamin Franklin Ebling	<i>Wilmington, Del.,</i>	33 St.
Howard Miller Fisher	<i>New Germantown, N. J.,</i>	30 St.
William Edward Gormley	<i>Philadelphia,</i>	38 St.
Jacob Ream Heilman	<i>Lebanon,</i>	29 St.
Louis Hetzel	<i>Connellsville,</i>	17 E.
Blanche Swope Klinger	<i>Gettysburg,</i>	129 Lincoln Ave.
Mosheim Walter Kuhlman	<i>Ursina,</i>	Confederate Ave.
Ralston Park Lamborn	<i>Northbrook,</i>	321 Carlisle St.
Sarah Nancy Lau	<i>Gettysburg,</i>	62 Stevens St.
William Whitney Leffler	<i>Millersburg,</i>	40 St.
William Walker McCaw	<i>McKeesport,</i>	23 St.
G Kenton Meals	<i>Gettysburg,</i>	Mummasburg Road.
Milton Miller	<i>Pocahontas,</i>	11 E.
Guy Samuel Raffensperger	<i>Arendtsville,</i>	41 St.
Walter Wallace Reindollar	<i>Taneytown, Md.,</i>	46 St.
William Henry Rowe	<i>Roland Park, Md.,</i>	40 St.
Roy Edgar Saylor	<i>Harrisburg,</i>	32 St.
Charles William Seville	<i>McConnellsburg,</i>	35 E.
John Lawrence Shelley, Jr.	<i>Mechanicsburg,</i>	31 St.
George Mervin Spangler	<i>East Berlin,</i>	38 St.
Warren Wallace Weaver	<i>Philadelphia,</i>	39 St.
John William Weimer	<i>York,</i>	10 M.
Robert L. Werner	<i>New Haven,</i>	15 E.
Charles White Wernke	<i>McKeesport,</i>	26 St.

SUB-FRESHMEN, 32.

MIDDLE CLASS.

John Bruce Beard	<i>Gettysburg,</i>	Harrisburg Road.
Charles Stahle Butt	<i>Gettysburg,</i>	123 Carlisle St.
Thomas Neely Cashman	<i>York Springs,</i>	24 St.

Charles Albert Crowley	<i>New Haven,</i>	17 E.
Joseph Faries Denniston	<i>Hagerstown, Md.,</i>	168 Carlisle St.
Anna Gilliland	<i>Gettysburg,</i>	Carlisle Road.
Margaret Gilliland	<i>Gettysburg,</i>	Carlisle Road.
Clinton Steinman Hartman	<i>McKeesport,</i>	5 S.
Robert James Hartman	<i>McKeesport,</i>	5 S.
Luke Adam Huyett	<i>Sinking Spring,</i>	5 M.
Bernard Seiss Lawyer	<i>Westminster, Md.,</i>	16 E.
John Stuart McKenzie	<i>Roland Park, Md.,</i>	40 St.
Aaron Lewis Mehring	<i>Philadelphia,</i>	34 St.
George Smith Mooradian	<i>Harpoor, Turkey,</i>	5 W.
Harry Herbert Plank	<i>York Springs,</i>	24 St.
Walter Lee Reitz	<i>Berlin,</i>	39 St.
Rogelio Riera	<i>Sagua la Grande, Cuba,</i>	12 Carlisle St.
Charles Milton Sincell	<i>Oakland, Md.,</i>	44 St.
Warren Workman Souder	<i>Lititz,</i>	43 St.
Walter Daniel Spangler	<i>Gettysburg,</i>	153 E. Middle St.
Frank Whitmore Taylor, Jr	<i>Norwood,</i>	13 E.
James Ernest Tydings	<i>Baltimore, Md.,</i>	39 St.
George Emory Wagner	<i>Arendtsville,</i>	41 St.
Samuel Knox White	<i>Fairfield,</i>	33 St.
Mary Rachel White	<i>Fairfield,</i>	135 Chambersburg St.
William Henry Whitmore	<i>Rocky Ridge, Md.,</i>	Breckenridge St.
Herbert Bender Wolf	<i>East Berlin,</i>	38 St.
Emmett Robert Woods	<i>Mechanicsburg,</i>	43 St.
Mark Victor Ziegler	<i>Melrose, Md.,</i>	44 St.

MIDDLEBURY, 29.

SUMMARY.

Graduate,	I
Seniors,	33
Juniors,	68
Sophomores,	59
Freshmen,	70
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Collegiate Department,	231
Preparatory Department,	61
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Total,	292

Commencement 1906.

DEGREES, HONORS AND PRIZES.

CLASS OF 1906.

BACHELORS OF ARTS.

Charles Haines Auman	Homer Wertz Myers
Albert Billheimer	George Gordon Parker
Jonas Sahner Blank	Judd Nycum Poffinberger
Hylas Clyde Brillhart	Bertram Augustus Strohmeier
Herbert Schuman Dornberger	John Miller Van Doren
Wellington Roe Emmert	Helen May Wagner
Malvin Dale Geesey	Vera Louisa Wagner
George William Gulden	Daniel Elias Weigle
Elam Gross Hess	Nathaniel Ruggles Whitney
Harrison Kauffman	Joseph Harold Wolf
Mary Buchanan McGill	Frank Russell Young

BACHELORS OF SCIENCE.

Harry Brua Campbell	Harriet Anderson McGill
Norman Henry Haar	David Forney Miller
John Nicholas Hartman	Walter Sherman Stine
George William Hill, Jr.	Amanda Margarette Tawney
Mary Agnes McAllister	Ernest Samuel Wolf

HONORS AND PRIZES.

First Honor.

Harry Brua Campbell	Hylas Clyde Brillhart
Vera Louisa Wagner	Albert Billheimer

Second Honor.

Mary Agnes McAllister	George William Gulden
Nathaniel Ruggles Whitney	Helen May Wagner
Bertram Augustus Strohmeier	Joseph Harold Wolf

GRAEFF PRIZE:

For best essay on Holmes's *The Professor at the Breakfast Table.*

Harry Brua Campbell,
with honorable mention of
Mary Buchanan McGill.

Class of 1907.

HASSLER GOLD MEDAL: Junior Latin Prize.

Harry Franklin Smith,
with honorable mention of
Samuel Earnest Smith.

PITTSBURG CLUB PRIZE IN CHEMISTRY.

Lloyd Leslie Lammert,
Jesse Nelson Sharretts,
Cora Susan Swartz,
Clifford Clinton Hartman.

REDDIG PRIZE IN ORATORY.

Samuel Earnest Smith,
with honorable mention of
Franklin Wattles Moser.

Class of 1908.

BAUM SOPHOMORE MATHEMATICAL PRIZE.

Mabel Irene Yonson,
Fred. Gallaher Troxell,
with honorable mention of
Edmund Longinus Manges.

Class of 1909.

MUHLENBURG FRESHMAN PRIZE.

Paul Frederick Bloomhart.

GIES PRIZES IN DEBATE.

First Prize (1906).

George William Hill, Jr.,
Elam Gross Hess,
Bertram Augustus Strohmeier.

Second and Third Prizes (1909).

William Albert Berkey,
Charles Swartz Bream,
George Raymond Haaf.

MASTER OF ARTS IN COURSE:

1895.

Rev. Wilmer A. Hartman.

1898.

Robert Martin Culler.

1901.

Rev. Charles W. Weiser.

1902.

Rev. David Sylvester Martin	Rev. Martin Luther Clare
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1903.

Rev. Ralph Henry Bergstresser	Harold Steck Lewars
Rev. Henry Benton Burkholder	Rose Emma Plank
William Walter Hartman	Rev. Herbert Adron Rinard
William Franklin Hersh	

MASTER OF SCIENCE IN COURSE:

1901.

Charles Milton A. Stine.

1903.

Robert Willis Lenker	George S. Rentz
Daniel Clarence Jacobs	

HONORARY DOCTOR OF DIVINITY:

Rev. Joseph Bittinger Wolf ('74),Glen Rock, Pa.

Rev. Daniel Frank Garland ('88),Dayton, Ohio.

Rev. Jacob Weidman ('56),Clifton Heights, Pa.

HONORARY DOCTOR OF LAWS:

Vice Prov. Edgar Fahs Smith, Ph.D. ('74), U. of P.,....Phila.

SUMMARY OF GRADUATES.

(EXCLUSIVE OF HONORARY DEGREES.)

Bachelor of Arts,	1,298
Bachelor of Science,	100
Doctors of Philosophy (holding their first degrees from other institutions),	7
Whole number of graduates,	<hr/> 1,405

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